

Safety Data Sheet

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1 Product identifier**

Product Name • **V-10 Extruder Retread Cement**
Product Code • **16-346; 16-348**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer • Patch Rubber Company
100 Patch Rubber Road
Weldon, NC 27890
United States

Telephone (General) • (252)-536-2574

Responsible party • Christian Gimenez
Intertek Analytical Services France
France

Telephone (Technical) • 33 (0) 6 07 11 22 15

1.4 Emergency telephone number

Manufacturer • 1-800-424-9300 - CHEMTREC

Manufacturer • +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

Section 2: Hazards Identification**EU/EEC**

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Flammable Liquids 2 - H225
Aspiration 1 - H304
Skin Irritation 2 - H315
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Hazardous to the aquatic environment Acute 1 - H400
Hazardous to the aquatic environment Chronic 1 - H410

DSD/DPD

- Highly Flammable (F)
Irritant (Xi)
Harmful (Xn)
Dangerous to the Environment (N)
R11, R38, R67, R50, R53

2.2 Label Elements**CLP****DANGER**

- H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

- Prevention**
- P102 - Keep out of reach of children.
 - P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P273 - Avoid release to the environment.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response**
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P331 - Do NOT induce vomiting.

- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

- Risk phrases**
- R11 - Highly flammable.
 - R38 - Irritating to skin.
 - R67 - Vapours may cause drowsiness and dizziness.
 - R50 - Very toxic to aquatic organisms.
 - R53 - May cause long-term adverse effects in the aquatic environment.

- Safety phrases**
- S2 - Keep out of reach of children.
 - S9 - Keep container in a well ventilated place
 - S16 - Keep away from sources of ignition - No Smoking.
 - S29 - Do not empty into drains.
 - S33 - Take precautionary measures against static discharges.
 - S60 - This material and its container must be disposed of as hazardous waste.
 - S61 - Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.
 - S62 - If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

2.3 Other Hazards**CLP**

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is considered dangerous.

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS

- Flammable Liquids 2 - H225
Aspiration 1 - H304
Skin Irritation 2 - H315
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Hazardous to the aquatic environment Acute 1 - H400
Hazardous to the aquatic environment Chronic 1 - H410

2.2 Label elements**UN GHS****DANGER**

- H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

- Prevention**
- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P233 - Keep container tightly closed.
 - P235 - Keep cool.
 - P240 - Ground and/or bond container and receiving equipment.
 - P241 - Use explosion-proof - electrical, ventilating and/or lighting equipment.
 - P242 - Use only non-sparking tools.
 - P243 - Take precautionary measures against static discharge.
 - P261 - Avoid breathing dust, fume, gas, mist, vapours and/or spray.
 - P264 - Wash thoroughly after handling.
 - P271 - Use only outdoors or in a well-ventilated area.
 - P273 - Avoid release to the environment.
 - P280 - Wear protective gloves and eye/face protection , .

- Response**
- P370+P378 - In case of fire: Use appropriate media for extinction.
 - P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P362 - Take off contaminated clothing and wash before reuse.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P391 - Collect spillage.

- Storage/Disposal**
- P403+P235 - Store in a well-ventilated place. Keep cool.
 - P405 - Store locked up.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards**UN GHS**

- According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture**OSHA HCS**

- Flammable Liquid
Flammable/Combustible Class IB
Irritant
Target Organ Effects - Central Nervous System (CNS)

2.2 Label elements

OSHA HCS

- Not required

2.3 Other hazards**OSHA HCS**

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada**According to WHMIS****2.1 Classification of the substance or mixture****WHMIS**

- Flammable Liquids - B2
Other Toxic Effects - D2B

2.2 Label elements**WHMIS**

- Flammable Liquids - B2
Other Toxic Effects - D2B

2.3 Other hazards**WHMIS**

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information**NFPA**

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008. Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
				UN GHS: Flam. Liq. 2; Asp. 1; Skin Irrit. 2; STOT SE 3: Narc.; Aquatic	

Naphtha (petroleum), hydrotreated light	CAS: 64742-49-0 EC Number: 265-151-9	60% TO 100%	NDA	Acute 1; Aquatic Chronic 1; EU DSD/DPD: Annex I - F; R11 Xi; R38 N; R50 R53 Xn; R65 R67 EU CLP: Annex VI - Flam. Liq. 2, H225; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H335; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	Annex VI carcinogen and mutagen classifications not applicable - contains <0.1% benzene
Phenol, 4-(1.1-dimethylethyl), polymer with ethyne	CAS: 28514-92-3	0.5% TO 1.5%	NDA	UN GHS: Data Lacking EU DSD/DPD: Data Lacking EU CLP: Data Lacking	NDA
Carbon Black	CAS: 1333-86-4 EC Number: 215-609-9	0.1% TO 1%	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	UN GHS: STOT RE 1, Carc. 2 EU DSD/DPD: Self Classified - Carc. Cat 2, R40 EU CLP: Self Classified - Carc. 2, H351	Will not be released in final product
Sulfur	CAS: 7704-34-9 EC Number: 231-722-6 UN: UN1350, UN2448	0.1% TO 1%	NDA	UN GHS: Skin Irrit 2; Eye Irrit. 2A; STOT SE 3: Resp. Irrit. EU DSD/DPD: Annex I - Xi; R38 EU CLP: Annex VI - Skin Irrit. 2, H315	NDA
Zinc oxide	CAS: 1314-13-2 EC Number: 215-222-5	0.1% TO 1%	Ingestion/Oral-Mouse LD50 · 7950 mg/kg	UN GHS: Aquatic Acute 2, Aquatic Chronic 1 EU DSD/DPD: Annex I - N; R50 R53 EU CLP: Annex VI - Aquatic Acute 1, H400; Aquatic Chronic 1, H410	NDA
Phenol, p-(tert-butyl)-	CAS: 98-54-4 EINECS: 202-679-0	0.0113% TO 0.0565%	Ingestion/Oral-Rat LD50 · 3250 µL/kg Skin-Rabbit LD50 · 2520 µL/kg	UN GHS: Acute Tox 4 (orl/skn), Aquatic Acute 2 EU DSD/DPD: Self Classified - Xn R20/21 EU CLP: Self Classified - Acute Tox 4, H302; Acute Tox 4, H312	NDA
Benzothiazole, 2,2'-dithiobis-	CAS: 120-78-5 EC Number: 204-424-9	0.0365% TO 0.04%	Ingestion/Oral-Rat LD50 · >12 g/kg Skin-Rabbit LD50 · >7940 mg/kg	UN GHS: Aquatic Acute 1; Aquatic Chronic 1; Skin Sens. 1 EU DSD/DPD: Annex I R31 R43 N; R50-53 EU CLP: Annex VI Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H401; EUH031	NDA
Phenol, p-(1,1,3,3-tetramethylbutyl)-	CAS: 140-66-9 EINECS: 205-426-2	0.0011% TO 0.0105%	Ingestion/Oral-Rat LD50 · 4600 mg/kg Skin-Rabbit LD50 · 1880 mg/kg Ingestion/Oral-Rat LD50 · >2000 mg/kg	OSHA: WHMIS: UN GHS: Eye Irrit. 2, Skin Irrit. 2, Acute Tox 4 (skn/orl), Aquatic Acute 1, Aquatic Chronic 1 Repr. 2 EU DSD/DPD: Annex I - Xi; R38-41 N; R50-53 EU CLP: Annex VI - Skin Irrit. 2; Eye Dam. 1; Aquatic Acute 1; Aquatic Chronic 1; H315; H318; H400; H410; M=10	NDA
Stearic acid	CAS: 57-11-4 EC Number: 200-313-4	0.05%	Skin-Rabbit LD50 · >5 g/kg Ingestion/Oral-Rat LD50 · 4600 mg/kg	UN GHS: Acute Tox 5 (orl), Skin Irrit. 2 EU DSD/DPD: Self Classified - Xi R38 EU CLP: Self Classified - Skin Irrit. 2, H315	NDA
				UN GHS: Repr. 2, Acute Tox 4, Eye Irrit. 2A, Aquatic Chronic 2; Skin Sens. 1B; Muta. 2	

Guanidine, 1,3-diphenyl-	CAS:102-06-7 EC Number:203-002-1	0.02%	Skin-Rabbit LD50 · >794 mg/kg Ingestion/Oral-Rat LD50 · 350 mg/kg	EU DSD/DPD: Annex I - Xn, R22; Xi, R36/37/38; N, R51/R53; Repr Cat.3, R62 EU CLP: Annex VI - Repr. 2, H361f; Acute Tox. 4 *, H302; Eye Irrit. 2, H319; STOT SE 3, H335; Skin Irrit. 2, H315; Aquatic Chronic 2, H411	NDA
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See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms develop, get medical attention.
- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation of vapors or fumes will cause central nervous system effects with symptoms of dizziness, drowsiness, lethargy, coma and death. May cause skin irritation. Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to the material.

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media**
- Carbon dioxide (CO₂), water fog, dry chemical or chemical foam.
- Unsuitable Extinguishing Media**
- Avoid the use of streaming water, as this may spread the fire.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Extremely flammable liquid and vapor. Vapors may form explosive mixtures with air. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may travel to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Hazardous Combustion Products**
- Smoke, soot, fumes or vapors, oxides of carbon.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the

manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
Move containers from fire area if you can do it without risk.
Use water spray to cool containers exposed to fire.
Runoff from fire control may cause pollution.
LARGE FIRES: Dike fire-control water for later disposal.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
All equipment used when handling the product must be grounded.
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Use clean non-sparking tools to collect absorbed material.
A vapor suppressing foam may be used to reduce vapors.
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Keep away from heat and ignition sources – No Smoking. Product can accumulate static charge by flow or agitation. Bond and ground equipment when transferring from one vessel to another. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation. Do not enter confined spaces such as tanks or pits without following proper entry procedures.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Materials or Ignition Sources

- Keep away from heat, ignition sources oxidizers and strong acids.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	Europe	France
Methylcyclohexane (108-87-2)	TWAs	400 ppm TWA	400 ppm TWA	400 ppm TWA _{EV} ; 1610 mg/m ³ TWA _{EV}	Not established	400 ppm TWA [VME]; 1600 mg/m ³ TWA [VME]
3-Methylhexane (589-34-4)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Hexane, 2-methyl- (591-76-4)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Pentane, 2,3-dimethyl- (565-59-3)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Formaldehyde (Gas State) (50-00-0)	Ceilings	0.3 ppm Ceiling	1.5 ppm Ceiling	2 ppm Ceiling; 3 mg/m ³ Ceiling	Not established	Not established
	STELs	Not established	1.0 ppm STEL	Not established	Not established	1 ppm STEL [VLCT]
	TWAs	Not established	Not established	Not established	Not established	0.5 ppm TWA [VME]
Calcium silicate (1344-95-2)	TWAs	10 mg/m ³ TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m ³ TWA (synthetic nonfibrous, containing no Asbestos and <1% Crystalline silica)	10 mg/m ³ TWA _{EV} (synthetic, containing no Asbestos and <1% Crystalline silica, total dust)	Not established	Not established
Ethylbenzene (100-41-4)	STELs	Not established	125 ppm STEL	125 ppm STEV; 543 mg/m ³ STEV	Not established	100 ppm STEL [VLCT] (restrictive limit); 442 mg/m ³ STEL [VLCT] (restrictive limit)
	TWAs	20 ppm TWA	100 ppm TWA	100 ppm TWA _{EV} ; 434 mg/m ³ TWA _{EV}	Not established	20 ppm TWA [VME] (restrictive limit); 88.4 mg/m ³ TWA [VME] (restrictive limit)
Benzene	STELs	2.5 ppm STEL	2.5 ppm STEL (applies to workplaces to which the designated substance regulation does not apply); 2.5 ppm STEL (designated substances regulation)	5 ppm STEV; 15.5 mg/m ³ STEV	Not established	Not established

(71-43-2)	TWAs	0.5 ppm TWA	0.5 ppm TWA (applies to workplaces to which the designated substance regulation does not apply); 0.5 ppm TWA (designated substance regulation)	1 ppm TWA EV; 3 mg/m ³ TWA EV	Not established	1 ppm TWA [VME] (restrictive limit); 3.25 mg/m ³ TWA [VME] (restrictive limit)
Kaolin (1332-58-7)	TWAs	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m ³ TWA (containing no Asbestos and <1% Crystalline silica, respirable)	5 mg/m ³ TWA EV (containing no Asbestos and <1% Crystalline silica, respirable dust)	Not established	10 mg/m ³ TWA [VME]
Toluene (108-88-3)	STELs	Not established	Not established	Not established	100 ppm STEL; 384 mg/m ³ STEL	100 ppm STEL [VLCT] (restrictive limit); 384 mg/m ³ STEL [VLCT] (restrictive limit)
	TWAs	20 ppm TWA	20 ppm TWA	50 ppm TWA EV; 188 mg/m ³ TWA EV	50 ppm TWA; 192 mg/m ³ TWA	50 ppm TWA [VME] (restrictive limit); 192 mg/m ³ TWA [VME] (restrictive limit)
Carbon Black (1333-86-4)	TWAs	3 mg/m ³ TWA (inhalable fraction)	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA EV	Not established	3.5 mg/m ³ TWA [VME]
Zinc oxide (1314-13-2)	STELs	10 mg/m ³ STEL (respirable fraction)	10 mg/m ³ STEL (respirable)	10 mg/m ³ STEV (fume)	Not established	Not established
	TWAs	2 mg/m ³ TWA (respirable fraction)	2 mg/m ³ TWA (respirable)	10 mg/m ³ TWA EV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m ³ TWA EV (fume)	Not established	5 mg/m ³ TWA [VME] (fume); 10 mg/m ³ TWA [VME] (dust)
Heptane (142-82-5)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEV; 2050 mg/m ³ STEV	Not established	500 ppm STEL [VLCT] (restrictive limit); 2085 mg/m ³ STEL [VLCT] (restrictive limit)
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA	400 ppm TWA EV; 1640 mg/m ³ TWA EV	Not established	400 ppm TWA [VME] (restrictive limit); 1668 mg/m ³ TWA [VME] (restrictive limit)
Exposure Limits/Guidelines (Con't.)						
	Result	Germany DFG	Germany TRGS	Italy	NIOSH	OSHA
Methylcyclohexane (108-87-2)	TWAs	Not established	200 ppm TWA AGW (exposure factor 2); 810 mg/m ³ TWA AGW (exposure factor 2)	Not established	400 ppm TWA; 1600 mg/m ³ TWA	500 ppm TWA; 2000 mg/m ³ TWA
	Ceilings	400 ppm Peak; 1620 mg/m ³ Peak	Not established	Not established	Not established	Not established
		200 ppm TWA MAK;				

	MAKs	810 mg/m3 TWA MAK	Not established	Not established	Not established	Not established
Formaldehyde (Gas State) (50-00-0)	STELs	Not established	Not established	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	Not established	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.6 ppm Peak (no irritation should occur during mixed exposure); 0.74 mg/m3 Peak (no irritation should occur during mixed exposure)	Not established	Not established	0.1 ppm Ceiling (15 min)	Not established
	MAKs	0.3 ppm TWA MAK; 0.37 mg/m3 TWA MAK (no irritation should occur during mixed exposure)	Not established	Not established	Not established	Not established
Calcium silicate (1344-95-2)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Ethylbenzene (100-41-4)	STELs	Not established	Not established	200 ppm STEL; 884 mg/m3 STEL	125 ppm STEL; 545 mg/m3 STEL	Not established
	TWAs	Not established	100 ppm TWA AGW (exposure factor 2); 440 mg/m3 TWA AGW (exposure factor 2)	100 ppm TWA; 442 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA
	Ceilings	40 ppm Peak; 176 mg/m3 Peak	Not established	Not established	Not established	Not established
	MAKs	20 ppm TWA MAK; 88 mg/m3 TWA MAK	Not established	Not established	Not established	Not established
Benzene (71-43-2)	TWAs	Not established	Not established	1 ppm TWA; 3.25 mg/m3 TWA	0.1 ppm TWA	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA
	Ceilings	Not established	Not established	Not established	Not established	25 ppm Ceiling
	STELs	Not established	Not established	Not established	1 ppm STEL	5 ppm STEL (see 29 CFR 1910.1028)
Kaolin (1332-58-7)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Phenol, p-(tert-butyl)- (98-54-4)	TWAs	Not established	0.08 ppm TWA AGW (exposure factor 2); 0.5 mg/m3 TWA AGW (exposure factor 2)	Not established	Not established	Not established
	Ceilings	0.16 ppm Peak; 1.0 mg/m3 Peak	Not established	Not established	Not established	Not established
	MAKs	0.080 ppm TWA MAK; 0.5 mg/m3 TWA MAK	Not established	Not established	Not established	Not established

Toluene (108-88-3)	TWAs	Not established	50 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 4); 190 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 4)	50 ppm TWA; 192 mg/m3 TWA	100 ppm TWA; 375 mg/m3 TWA	200 ppm TWA
	Ceilings	200 ppm Peak; 760 mg/m3 Peak	Not established	Not established	Not established	300 ppm Ceiling
	STELs	Not established	Not established	Not established	150 ppm STEL; 560 mg/m3 STEL	Not established
	MAKs	50 ppm TWA MAK; 190 mg/m3 TWA MAK	Not established	Not established	Not established	Not established
Carbon Black (1333-86-4)	TWAs	Not established	Not established	Not established	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m3 TWA
Zinc oxide (1314-13-2)	TWAs	Not established	Not established	Not established	5 mg/m3 TWA (dust and fume)	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
	Ceilings	1 mg/m3 Peak (respirable fraction, fume)	Not established	Not established	15 mg/m3 Ceiling (dust)	Not established
	STELs	Not established	Not established	Not established	10 mg/m3 STEL (fume)	Not established
	MAKs	1 mg/m3 TWA MAK (fume, respirable fraction)	Not established	Not established	Not established	Not established
Heptane (142-82-5)	TWAs	Not established	500 ppm TWA AGW (all isomers, exposure factor 1); 2100 mg/m3 TWA AGW (all isomers, exposure factor 1)	500 ppm TWA; 2085 mg/m3 TWA	85 ppm TWA; 350 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
	Ceilings	500 ppm Peak; 2100 mg/m3 Peak	Not established	Not established	440 ppm Ceiling (15 min); 1800 mg/m3 Ceiling (15 min)	Not established
	MAKs	500 ppm TWA MAK; 2100 mg/m3 TWA MAK	Not established	Not established	Not established	Not established

Exposure Control Notations

Italy

- Naphtha (petroleum), hydrotreated light (64742-49-0): **Carcinogens:** (Category 2 Carcinogen)
- Ethylbenzene (100-41-4): **Skin:** (skin - potential for cutaneous absorption)
- Toluene (108-88-3): **Skin:** (skin - potential for cutaneous absorption)
- Benzene (71-43-2): **Carcinogens:** (Category 1 Carcinogen) | **Skin:** (skin - potential for cutaneous absorption)
- Formaldehyde (Gas State) (50-00-0): **Carcinogens:** (Category 3 Carcinogen)

France

- Toluene (108-88-3): **Reproductive Toxins:** (Reproductive Toxin category 3)
- Benzene (71-43-2): **Carcinogens:** (Carcinogen category 1) | **Mutagens:** (Mutagen category 2)
- Formaldehyde (Gas State) (50-00-0): **Carcinogens:** (Carcinogen category 3)

Germany TRGS

- Phenol, p-(tert-butyl)- (98-54-4): **Skin:** (skin notation)
- Ethylbenzene (100-41-4): **Skin:** (skin notation)
- Toluene (108-88-3): **Skin:** (skin notation)

Germany DFG

- Phenol, p-(tert-butyl)- (98-54-4): **Pregnancy:** (classification not yet possible) | **Sensitizers:** (skin sensitizer) | **Skin:** (skin notation)
- Methylcyclohexane (108-87-2): **Pregnancy:** (classification not yet possible)
- Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man))
- Carbon Black (1333-86-4): **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction))
- Ethylbenzene (100-41-4): **Carcinogens:** (Category 4 (no significant contribution to human cancer)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation)
- Heptane (142-82-5): **Pregnancy:** (classification not yet possible)
- Toluene (108-88-3): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation)
- Benzene (71-43-2): **Carcinogens:** (Category 1 (causes cancer in man)) | **Skin:** (skin notation)
- Formaldehyde (Gas State) (50-00-0): **Carcinogens:** (Category 4 (no significant contribution to human cancer)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer)

8.2 Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Personal Protective Equipment

Pictograms



Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Hands

- Wear protective gloves -neoprene, butyl or nitrile rubber with cuffs.

Skin/Body

- Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Avoid release to the environment.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

MSHA = Mine Safety and Health Administration

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

STEL = Short Term Exposure Limits are based on 15-minute exposures

STEV = Short Term Exposure Value

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

VLCT = Valeurs limites d'exposition à court terme is the short-term exposure limit based on 15-minute exposure.

VME = Valeur Moyenne d'Exposition is the maximum permissible concentration for a work day

TWAEV = Time-Weighted Average Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black flammable liquid with a hydrocarbon odor.
Color	Black	Odor	Hydrocarbon
Taste	Data lacking	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	200 F(93.3333 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	Data lacking	Specific Gravity/Relative Density	0.72 Water=1
Density	5.99 lbs/gal	Bulk Density	Data lacking
Water Solubility	Negligible	Solvent Solubility	Data lacking
Viscosity	10 to 40 Centipoise (cPs, cP) or mPas	Explosive Properties	Classification criteria not met.
Oxidizing Properties:	Classification criteria not met.		
Volatility			
Vapor Pressure	45 mmHg (torr) @ 68 F(20 C)	Vapor Density	3.5 Air=1
Evaporation Rate	4.2 n-Butyl Acetate = 1	VOC (Wt.)	Data lacking
VOC (Vol.)	699 g/L	Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking		
Flammability			
Flash Point	15 F(-9.4444 C)	UEL	6.7 %
LEL	1 %	Autoignition	203.8 C(398.84 F)
Self-Accelerating Decomposition Temperature (SADT)	Data lacking	Heat of Combustion (ΔH_c)	Data lacking
Burning Time	Data lacking	Flame Duration	Data lacking
Flame Height	Data lacking	Flame Extension	Data lacking
Ignition Distance	Data lacking	Flammability (solid, gas)	Data lacking
Environmental			
Half-Life	Data lacking	Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking	Bioaccumulation Factor	Data lacking

Bioconcentration Factor	Data lacking	Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking	Persistence	Data lacking
Degradation	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- High temperatures, sparks, open flames and live electrical circuits.

10.5 Incompatible materials

- Oxidizing agents, strong acids.

10.6 Hazardous decomposition products

- In case of fire oxides of carbon, hydrocarbons, fumes or vapors, soot and smoke may be produced.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Zinc oxide (0.1% TO 1%)	1314-13-2	Irritation: eye-rbt 500 mg/24H MLD; skn-rbt 500 mg/24H MLD
Phenol, p-(tert-butyl)- (0.0113% TO 0.0565%)	98-54-4	Acute Toxicity: orl-rat LD50:3250 uL/kg; skn-rbt LD50:2520 uL/kg; Irritation: eye-rbt 10 mg SEV; skn-rbt 500 mg/4H MLD
Benzothiazole, 2,2'-dithiobis- (0.0365% TO 0.04%)	120-78-5	Acute Toxicity: orl-rat LD50:>12 gm/kg; skn-rbt LD50:>7940 mg/kg
Phenol, p-(1,1,3,3-tetramethylbutyl)- (0.0011% TO 0.0105%)	140-66-9	Acute Toxicity: orl-rat LD50:4600 mg/kg; skn-rbt LD50:1880 mg/kg; Irritation: eye-rbt 50 ug/24H SEV; skn-rbt 20 mg/24H MOD; Reproductive: orl-mus TDLo:14000 ng/kg (11-17D preg)
Stearic acid (0.05%)	57-11-4	Acute Toxicity: orl-rat LD50:4600 mg/kg; skn-rbt LD50:>5 gm/kg; Irritation: skn-hmn 75 mg/3D-I MLD; skn-rbt 500 mg/24H MOD
Guanidine, 1,3-diphenyl- (0.02%)	102-06-7	Acute Toxicity: orl-rat LD50:323 mg/kg; orl-rbt TDLo:8250 mg/kg/165D-I; skn-rbt LD50:>794 mg/kg; Irritation: skn-hmn 1%/48H; Reproductive: orl-mus TDLo:76 mg/kg (1-19D preg)

GHS Properties	Classification
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Acute toxicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 UN GHS • Skin Irritation 2
Serious eye damage/Irritation	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Aspiration Hazard	EU/CLP • Aspiration 1 UN GHS • Aspiration 1
Carcinogenicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met
STOT-SE	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects UN GHS • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
STOT-RE	EU/CLP • Classification criteria not met UN GHS • Classification criteria not met

Target Organs

- Central Nervous System (CNS)

Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion

Potential Health Effects**Inhalation****Acute (Immediate)**

- May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death. Intentional concentration and inhalation of vapors of this material may lead to nervous system damage.

Chronic (Delayed)

- No data available.

Skin**Acute (Immediate)**

- Causes skin irritation.

Chronic (Delayed)

- Repeated and prolonged exposure may cause dermatitis.

Eye**Acute (Immediate)**

- Causes eye irritation.

Chronic (Delayed)

- No data available.

Ingestion**Acute (Immediate)**

- May cause irritation. Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

Chronic (Delayed)

- No data available.

Mutagenic Effects

- No effects expected.

Carcinogenic Effects

- No effects expected. This product contains carbon black (encapsulated)(1333-86-4). According to IARC "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint."

Carcinogenic Effects		
	CAS	IARC
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen

Reproductive Effects • No effects expected.

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

12.7 Other Information

- No data is available on the adverse effects of this material on the environment. Aquatic toxicity values are expected to be in the range of 1 - 10 mg/l based upon data from components and similar products.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1133	Adhesives, containing a flammable liquid	3	II	NDA
TDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant
IMO/IMDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant

IATA/ICAO	UN1133	Adhesives containing flammable liquid	3	II	Acute Aquatic Toxicity, Chronic Aquatic Toxicity
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14.6 Special precautions for user • None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • This product is provided only in non-bulk containers.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Natural Rubber	NDA	No	No	No
Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No
Heptane	142-82-5	Yes	Yes	Yes
3-Methylhexane	589-34-4	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
3-Ethylpentane	617-78-7	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes
Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes
Sulfur	7704-34-9	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Phenol, p-(tert-butyl)-	98-54-4	No	No	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	No	No	No
Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	No	No	No
Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	No	No	No

Benzanilide, 2',2''-dithiobis-	135-57-9	No	No	No
Kaolin	1332-58-7	Yes	Yes	Yes
White mineral oil	8042-47-5	No	No	No
Calcium silicate	1344-95-2	Yes	Yes	Yes
Formaldehyde (Gas State)	50-00-0	Yes	Yes	Yes
Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	No	No	No
Stearic acid	57-11-4	No	No	No
Toluene	108-88-3	Yes	Yes	Yes
Guanidine, 1,3-diphenyl-	102-06-7	No	No	No
Benzene	71-43-2	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Natural Rubber	NDA	No	No	No	No	No
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	No	Yes	No	Yes
Heptane	142-82-5	Yes	No	Yes	No	Yes
3-Methylhexane	589-34-4	No	Yes	Yes	No	Yes
Methylcyclohexane	108-87-2	Yes	No	Yes	No	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes	No	Yes
3-Ethylpentane	617-78-7	No	No	Yes	No	No
Pentane, 2,3-dimethyl-	565-59-3	No	Yes	Yes	No	Yes
Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	Yes	No	No	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Sulfur	7704-34-9	Yes	No	Yes	No	Yes
Zinc oxide	1314-13-2	Yes	No	Yes	No	Yes
Phenol, p-(tert-butyl)-	98-54-4	Yes	No	Yes	No	Yes
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes	No	Yes	No	Yes
Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	No	No	Yes	No	No

Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Yes	No	Yes	No	Yes
Benzanilide, 2',2'''-dithiobis-	135-57-9	Yes	No	Yes	No	Yes
Kaolin	1332-58-7	Yes	No	Yes	No	Yes
White mineral oil	8042-47-5	Yes	No	Yes	No	Yes
Calcium silicate	1344-95-2	Yes	No	Yes	No	Yes
Formaldehyde (Gas State)	50-00-0	Yes	No	Yes	No	Yes
Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	Yes	No	No	No	Yes
Stearic acid	57-11-4	Yes	No	Yes	No	Yes
Toluene	108-88-3	Yes	No	Yes	No	Yes
Guanidine, 1,3-diphenyl-	102-06-7	Yes	No	Yes	No	Yes
Benzene	71-43-2	Yes	No	Yes	No	Yes
Ethylbenzene	100-41-4	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Uncontrolled product according to WHMIS classification criteria
• Stearic acid	57-11-4	0.05%	Uncontrolled product according to WHMIS classification criteria
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	B2
• 3-Methylhexane	589-34-4	0% TO 30%	B2
• Hexane, 2-methyl-	591-76-4	0% TO 15%	B2
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	D2A
• Carbon Black	1333-86-4	0.1% TO 1%	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS Division website.)
• Ethylbenzene	100-41-4	< 0.001%	B2, D2A, D2B
• Heptane	142-82-5	27.765% TO 41.6475%	B2, D2B
• Toluene	108-88-3	< 0.05%	B2, D2A, D2B
• Zinc oxide	1314-13-2	0.1% TO 1%	Uncontrolled product according to WHMIS classification criteria
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	B2, D2A, D2B
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Uncontrolled product according to WHMIS classification criteria
• Sulfur	7704-34-9	0.1% TO 1%	B4
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed

• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	B2
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Uncontrolled product according to WHMIS classification criteria
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol)
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	1 %
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	1 %
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	1 %
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	1 %
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	1 %
• Ethylbenzene	100-41-4	< 0.001%	0.1 %
• Heptane	142-82-5	27.765% TO 41.6475%	1 %
• Toluene	108-88-3	< 0.05%	1 %
• Zinc oxide	1314-13-2	0.1% TO 1%	1 %
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	0.1 %
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	0.1 %
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed

• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Priority Substance List 1 (substance not considered toxic)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Priority Substance List 1 (substance considered toxic)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Priority Substance List 2 (substance considered toxic)
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65
• Methylcyclohexane	108-87-2	0% TO 20%	F; R11 Xi; R38 N; R51-53 Xn; R65 R67
• 3-Methylhexane	589-34-4	0% TO 30%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	R31 R43 N; R50-53
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	F; R11 Xn; R20
• Heptane	142-82-5	27.765% TO 41.6475%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Toluene	108-88-3	< 0.05%	F; R11 Xi; R38 Xn; R48/20-65 Repr.Cat.3; R63 R67
• Zinc oxide	1314-13-2	0.1% TO 1%	N; R50-53
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	F; R11 Xi; R36/38 Carc.Cat.1; R45 Muta.Cat.2; R46 T; R48/23/24/25 Xn; R65
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Xi; R38

• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Xn; R22 Xi; R36/37/38 N; R51-53 Repr.Cat.3; R62
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• 3-Ethylpentane	617-78-7	0% TO 5%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Xi; R38-41 N; R50-53
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	T; R23/24/25 C; R34 Carc.Cat.3; R40 R43
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	2.5%≤C: N; R50-53 0.25%≤C<2.5%: N; R51-53 0.025%≤C<0.25%: R52-53
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	0.2%≤C: R:43 25%≤C: T; R:23/24/25 5%≤C<25%: Xn; R:20/21/22 25%≤C: C; R:34 5%≤C<25%: Xi; R:36/37/38
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed

• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	T R:45-46-65 S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	F Xn N R:11-38-51/53-65-67 S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Xi N R:31-43-50/53 S:(2)-36/37-60-61
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	F Xn R:11-20 S:(2)-16-24/25-29
• Heptane	142-82-5	27.765% TO 41.6475%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Toluene	108-88-3	< 0.05%	F Xn R:11-38-48/20-63-65-67 S:(2)-36/37-46-62
• Zinc oxide	1314-13-2	0.1% TO 1%	N R:50/53 S:60-61
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	F T R:45-46-11-36/38-48/23/24/25-65 S:53-45
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Xi R:38 S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Xn N R:22-36/37/38-51/53-62 S:(2)-26-36/37/39-61
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Xi N R:38-41-50/53 S:(2)-26-37/39-60-61
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	T R:23/24/25-34-40-43 S:(1/2)-26-36/37/39-45-51
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	P
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	C
• Hexane, 2-methyl-	591-76-4	0% TO 15%	C
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	C
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed

• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	E
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	C
• 3-Ethylpentane	617-78-7	0% TO 5%	C
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	B, D
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	S:(2)-9-16-29-33-60-61-62
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	S:(2)-36/37-60-61
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	S:(2)-16-24/25-29
• Heptane	142-82-5	27.765% TO 41.6475%	S:(2)-9-16-29-33-60-61-62
• Toluene	108-88-3	< 0.05%	S:(2)-36/37-46-62
• Zinc oxide	1314-13-2	0.1% TO 1%	S:60-61
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	S:53-45
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	S:(2)-26-36/37/39-61
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	S:(2)-9-16-29-33-60-61-62
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	S:(2)-26-37/39-60-61
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	S:(1/2)-26-36/37/39-45-51
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
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• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	1000 lb TQ
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed

• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	(including Benzene from gasoline)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed

• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	1000 lb final RQ; 454 kg final RQ
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	1000 lb final RQ; 454 kg final RQ
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	100 lb final RQ; 45.4 kg final RQ
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed

• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	100 lb EPCRA RQ
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed

• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	500 lb TPQ
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	0.1 % de minimis concentration
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	1.0 % de minimis concentration
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	1.0 % de minimis concentration (Chemical Category N982)
• Benzene	71-43-2	< 0.001%	0.1 % de minimis concentration
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	0.1 % de minimis concentration
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S ₂ Cl ₂)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Included in waste stream: F039
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Included in waste streams: F005, F024, F025, F037, F038, F039, K085, K104, K105, K141, K142, K143, K144, K145, K147, K151, K159, K169, K171, K172

• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Included in waste streams: K009, K010, K038, K040, K156, K157
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S ₂ Cl ₂)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S ₂ Cl ₂)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed

• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	0.5 mg/L regulatory level
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	waste number U019
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	waste number U122
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed

- Zinc, C5-23-branched carboxylate napthenate octanoate complexes 83711-53-9 0.0057% TO 0.017% Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	0.057 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	0.080 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed

• Benzene	71-43-2	< 0.001%	0.14 mg/L (wastewater); 10 mg/kg (nonwastewater)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	waste number U019 (Ignitable waste, Toxic waste)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	waste number U122
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Ethylbenzene	100-41-4	< 0.001%	carcinogen, initial date 6/11/04
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	carcinogen, initial date 2/27/87
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed

• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	carcinogen, initial date 1/1/88 (gas)
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	developmental toxicity, initial date 1/1/91
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	developmental toxicity, initial date 12/26/97
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	7000 µg/day MADL (level represents absorbed dose)
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	24 µg/day MADL (oral); 49 µg/day MADL (inhalation)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S ₂ Cl ₂)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	54 µg/day NSRL (inhalation); 41 µg/day NSRL (oral)
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	6.4 µg/day NSRL (oral); 13 µg/day NSRL (inhalation)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed

• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	40 µg/day NSRL (gas)
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	female reproductive toxicity, initial date 8/7/09
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed

• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	male reproductive toxicity, initial date 12/26/97
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Not Listed
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
• Stearic acid	57-11-4	0.05%	Not Listed
• Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
• Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
• Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Zinc oxide	1314-13-2	0.1% TO 1%	(fume)
• Zinc oxide as Zinc compounds		0.1% TO 1%	
• Benzene	71-43-2	< 0.001%	
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

● Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
● Formaldehyde (Gas State)	50-00-0	0% TO 0%	
● Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
● Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

● Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Not Listed
● Stearic acid	57-11-4	0.05%	Not Listed
● Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
● Kaolin	1332-58-7	0.004% TO 0.005%	Not Listed
● Carbon Black	1333-86-4	0.1% TO 1%	Not Listed
● Ethylbenzene	100-41-4	< 0.001%	Not Listed
● Heptane	142-82-5	27.765% TO 41.6475%	Not Listed
● Toluene	108-88-3	< 0.05%	Not Listed
● Zinc oxide	1314-13-2	0.1% TO 1%	Not Listed
● Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
● Benzene	71-43-2	< 0.001%	
● White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
● Sulfur	7704-34-9	0.1% TO 1%	Not Listed
● Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
● Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
● Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
● Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
● Formaldehyde (Gas State)	50-00-0	0% TO 0%	
● Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)	60303-68-6	0.399%	Not Listed
● Zinc, C5-23-branched carboxylate napthenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

● Calcium silicate	1344-95-2	0.0001% TO 0.0001%	Toxic
● Stearic acid	57-11-4	0.05%	Not Listed
● Phenol, p-(tert-butyl)-	98-54-4	0.0113% TO 0.0565%	Not Listed
● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Toxic
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Benzothiazole, 2,2'-dithiobis-	120-78-5	0.0365% TO 0.04%	Not Listed
● Kaolin	1332-58-7	0.004% TO 0.005%	Toxic
● Carbon Black	1333-86-4	0.1% TO 1%	Toxic

• Ethylbenzene	100-41-4	< 0.001%	Toxic; Flammable
• Heptane	142-82-5	27.765% TO 41.6475%	Toxic; Flammable
• Toluene	108-88-3	< 0.05%	Toxic (skin); Flammable (skin)
• Zinc oxide	1314-13-2	0.1% TO 1%	Toxic
• Zinc oxide as Zinc compounds		0.1% TO 1%	Not Listed
• Benzene	71-43-2	< 0.001%	Toxic (skin); Flammable (skin); Carcinogen (skin)
• White mineral oil	8042-47-5	0.0004% TO 0.002%	Not Listed
• Sulfur	7704-34-9	0.1% TO 1%	Flammable
• Guanidine, 1,3-diphenyl-	102-06-7	0.02%	Not Listed
• Phenol, 4-(1,1-dimethylethyl), polymer with ethyne	28514-92-3	0.5% TO 1.5%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.005% TO 0.0052%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	0.0011% TO 0.0105%	Not Listed
• Formaldehyde (Gas State)	50-00-0	0% TO 0%	Toxic; Flammable; Carcinogen
• Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S ₂ Cl ₂)	60303-68-6	0.399%	Not Listed
• Zinc, C5-23-branched carboxylate naphenate octanoate complexes	83711-53-9	0.0057% TO 0.017%	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date

- 24/May/2012

Preparation Date

- 07/January/2009

Disclaimer/Statement of Liability

- The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

Key to abbreviations

NDA = No data available.