

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • White FDA MC-40-1968

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

Relevant identified use(s) • White natural rubber for FDA 21 CFR 177.2600 applications only

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

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 Regulation (EC) No 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 • Not classified
DSD/DPD • Not classified

2.2 Label Elements

CLP
Hazard statements • No label element(s) required
DSD/DPD
Risk phrases • No label element(s) required.

2.3 Other Hazards

CLP • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
DSD/DPD • According to European Directive 1999/45/EC this preparation is not considered dangerous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Skin Sensitization 1 - H317

2.2 Label elements

OSHA HCS 2012

WARNING



Hazard statements • May cause an allergic skin reaction - H317

Precautionary statements

Prevention • Avoid breathing dust/fume. - P261

Contaminated work clothing should not be allowed out of the workplace. - P272

Wear protective gloves/protective clothing/eye protection/face protection. - P280

Response • If on skin: Wash with plenty of water .

Specific treatment, see supplemental first aid information. - P321

If skin irritation or rash occurs: Get medical advice/attention. - P333+P313

Wash contaminated clothing before reuse. - P363

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

2.3 Other hazards

OSHA HCS 2012

- 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

- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- 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).

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.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
1,3-Butadiene, 2-methyl-, oligomer	CAS:9003-31-0	60% TO 100%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Titanium dioxide	CAS:13463-67-7 EC Number:236-675-5	10% TO 30%	NDA	EU DSD/DPD: Self Classified: Carc. 3 R40; N R51-53 EU CLP: Self Classified: Carc. 2, H351; Aquatic Chronic 2, H411 OSHA HCS 2012: Carc. 2	NDA
Zinc oxide	CAS:1314-13-2 EC Number:215-222-5	1% TO 5%	NDA	EU DSD/DPD: Annex I: N; R50-53 EU CLP: Annex VI: Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Eye Irrit. 2B	NDA
Sulfur	CAS:7440-34-9	1% TO 5%	NDA	EU DSD/DPD: Annex I: Xi R38 EU CLP: Annex VI: Skin Irrit. 2, H315 OSHA HCS 2012: Eye Irrit. 2; STOT SE 3: Resp. Irrit.	NDA
Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	CAS:64742-52-5 EC Number:265-155-0	1% TO 5%	NDA	EU DSD/DPD: Annex I: Carc.Cat.2; R45 EU CLP: Annex VI: Carc. 1B; H350 OSHA HCS 2012: Skin Irrit. 2	**DMSO Content is <3% wt. Carcinogen classification is not applicable.**
Stearic acid	CAS:57-11-4 EC Number:200-313-4	0.1% TO 1%	Skin-Rabbit LD50 • >5 g/kg Ingestion/Oral-Rat LD50 • 4600 mg/kg	EU DSD/DPD: Self Classified: Xi R38 EU CLP: Self Classified: Skin Irrit 2, H315 OSHA HCS 2012: Skin Irrit. 2	NDA
Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	CAS:120-54-7 EINECS:204-406-0	0% TO 1%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Kaolin	CAS:1332-58-7 EC Number:	0.1% TO 1%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Dipentamethylenethiuram hexasulfide	CAS:971-15-3 EINECS:213-537-2	0% TO 1%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Benzothiazole, 2,2'-dithiobis-	CAS:120-78-5 EC Number:204-424-9	0.1% TO 1%	Ingestion/Oral-Rat LD50 • >12 g/kg Skin-Rabbit LD50 • >7940 mg/kg	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, H410 OSHA HCS 2012: Skin Sens. 1A	NDA
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	CAS:10081-67-1 EINECS:233-215-5	0.1% TO 1%	Ingestion/Oral-Rat LD50 • >10000 mg/kg	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
				EU DSD/DPD: Self Classified: Xi R43	

Benzanilide, 2',2''-dithiobis-	CAS:135-57-9 EINECS:205-201-9	0.1% TO 1%	Ingestion/Oral-Rat LD50 • >4 g/kg	EU CLP: Self Classified: Skin Sens. 1, H317; Aquatic Chronic 3, H412 OSHA HCS 2012: Eye Irrit. 2B; Skin Sens. 1	NDA
2-Benzothiazolesulfenamide, N- tert-butyl-	CAS:95-31-8 EINECS:202-409-1	0.1% TO 1%	Skin-Rabbit LD50 • >7940 mg/kg Ingestion/Oral-Rat LD50 • >6000 mg/kg	EU DSD/DPD: Self Classified: Xi, R43, R36/37/38; Xn, R48/22 EU CLP: Self Classified: Skin Sens. 1, H317; STOT RE 2 (Blood, Liver, Kidney), H373; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3: Resp. Irrit., H335 OSHA HCS 2012: Skin Sens. 1; STOT RE 2 (Blood, Liver, Kidney); Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3: Resp. Irrit.	NDA
Propionic acid	CAS:79-09-4 EC Number:201-176-3	< 0.1%	Ingestion/Oral- Rat LD50 • 2600 mg/kg Skin-Rabbit LD50 • 500 µL/kg	EU CLP: Community workplace exposure limit	NDA

See Section 11 for Toxicological Information. See Section 16 for full text of H-statements and R-phrases.

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.

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Get medical attention if symptoms occur.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media

- No data available.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Hazardous Combustion

- No data available.

Products**5.3 Advice for firefighters**

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).
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**

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid any skin contact.

Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

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**

- Pick up pieces and place in container or bag for disposal.
For spills of molten product - allow product to cool/solidify and pick or scrape up as a solid.

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**

- Wear appropriate personal protective equipment. Use only with adequate ventilation. Avoid breathing processing vapors. Avoid contact with skin and eyes. Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities**Storage**

- Ventilate enclosed areas.

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	China	France
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 TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	Not established	10 mg/m ³ TWA [VME]
	STELs	10 mg/m ³ STEL (respirable fraction)	10 mg/m ³ STEL (respirable)	10 mg/m ³ STEV (fume)	5 mg/m ³ STEL	Not established

Zinc oxide (1314-13-2)	TWAs	2 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (respirable)	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m3 TWAEV (fume)	3 mg/m3 TWA	5 mg/m3 TWA [VME] (fume); 10 mg/m3 TWA [VME] (dust)
Titanium dioxide (13463-67-7)	STELs	Not established	Not established	Not established	16 mg/m3 STEL (total dust)	Not established
	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)	8 mg/m3 TWA (total dust)	10 mg/m3 TWA [VME] (as Ti)
Exposure Limits/Guidelines (Con't.)						
	Result	Germany DFG		NIOSH	OSHA	
Kaolin (1332-58-7)	TWAs	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)	
Zinc oxide (1314-13-2)	TWAs	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)		15 mg/m3 Ceiling (dust)	Not established	
	STELs	Not established		10 mg/m3 STEL (fume)	Not established	
	MAKs	1 mg/m3 TWA MAK (fume, respirable fraction)		Not established	Not established	
Titanium dioxide (13463-67-7)	TWAs	Not established		Not established	15 mg/m3 TWA (total dust)	

Exposure Control Notations

Italy

•Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic (64742-52-5): **Carcinogens:** (Category 2 Carcinogen)

Germany DFG

•Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man)) | **Carcinogens:** (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)) | **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 threshold limit values.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear protective eyewear (goggles, face shield, or safety glasses).

Skin/Body

- Wear appropriate gloves.

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. Do not get in eyes or on skin or clothing.

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

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

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

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	Solid	Appearance/Description	White solid rubber with a characteristic rubber odor.
Color	White	Odor	Characteristic Rubber.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	1.116 Water=1	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Not Explosive.
Oxidizing Properties:	Not an Oxidizer.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	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

- No data available

10.5 Incompatible materials

- No data available

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Benzanilide, 2',2'''-dithiobis- (0.1% TO 1%)	135-57-9	Acute Toxicity: orl-rat LD50:>4 gm/kg; Irritation: eye-rbt 500 mg/24H MLD
Kaolin (0.1% TO 1%)	1332-58-7	Reproductive: orl-rat TDLo:370 gm/kg (37D pre/1-22D preg)
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)- (0.1% TO 1%)	10081-67-1	Acute Toxicity: orl-rat LD50:>10000 mg/kg
Zinc oxide (1% TO 5%)	1314-13-2	Acute Toxicity: orl-rat LD :>8437 mg/kg; ihl-rat TCLo:25 mg/m3/3H; Irritation: eye-rbt 500 mg/24H MLD; skn-rbt 500 mg/24H MLD; Reproductive: orl-rat TDLo:6846 mg/kg (1-22D preg)
Titanium dioxide (10% TO 30%)	13463-67-7	Irritation: skn-hmn 300 ug/3D-I MLD; Multi-dose Toxicity: ihl-rat TCLo:250 mg/m3/6H/4W-I
Benzothiazole, 2,2'-dlthiobis- (0.1% TO 1%)	120-78-5	Acute Toxicity: orl-rat LD50:>12 gm/kg; skn-rbt LD50:>7940 mg/kg
2-Benzothiazolesulfenamide, N-tert-butyl- (0.1% TO 1%)	95-31-8	Acute Toxicity: orl-rat LD50:>6000 mg/kg; skn-rbt LD50:>7940 mg/kg

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
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Route(s) of entry/exposure • Inhalation, Skin, Eye

Potential Health Effects

Inhalation

- Acute (Immediate)** • No adverse effects likely for general handling at room temperature. Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause irritation.
- Chronic (Delayed)** • Long term exposure to concentrated hot processing fumes has caused lung function loss and chronic bronchitis.

Skin

- Acute (Immediate)** • May cause skin sensitization. Symptoms include redness, and skin rash.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • No adverse effects likely for general handling at room temperature. Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause irritation.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

Carcinogenic Effects

- The titanium dioxide component is encapsulated in the rubber therefore no significant exposure is expected.

Carcinogenic Effects		
	CAS	IARC
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen

Key to abbreviations

LD = Lethal Dose
MLD = Mild
TC = Toxic Concentration
TD = Toxic Dose

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

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

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	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute

State Right To Know				
Component	CAS	MA	NJ	PA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	No	No	No
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	No	No	No
Benzanilide, 2',2''-dithiobis-	135-57-9	No	No	No
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	No	No	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	No	No	No
Dipentamethylenethiuram hexasulfide	971-15-3	No	No	No

Kaolin	1332-58-7	Yes	Yes	Yes
Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	No	No	No
Piperidine, 1,1'-(tetrathiodicarbonothioyl) bis-	120-54-7	No	No	No
Propionic acid	79-09-4	Yes	Yes	Yes
Stearic acid	57-11-4	No	No	No
Sulfur	7440-34-9	No	No	No
Titanium dioxide	13463-67-7	Yes	Yes	Yes
White mineral oil	8042-47-5	No	No	No
Zinc oxide	1314-13-2	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	No	Yes	No	No
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Yes	No	Yes	Yes	No
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes	No	Yes	Yes	No
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Yes	No	Yes	Yes	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes	No	Yes	Yes	No
Dipentamethylenethiuram hexasulfide	971-15-3	Yes	No	Yes	Yes	No
Kaolin	1332-58-7	Yes	No	Yes	Yes	No
Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Yes	No	Yes	Yes	No
Piperidine, 1,1'-(tetrathiodicarbonothioyl) bis-	120-54-7	Yes	No	Yes	Yes	No
Propionic acid	79-09-4	Yes	No	Yes	Yes	No
Stearic acid	57-11-4	Yes	No	Yes	Yes	No
Sulfur	7440-34-9	No	No	No	No	No
Titanium dioxide	13463-67-7	Yes	No	Yes	Yes	No
White mineral oil	8042-47-5	Yes	No	Yes	Yes	No
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	No

Inventory (Con't.)		
Component	CAS	TSCA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Yes
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Yes
Benzothiazole, 2,2'-dithiobis-	120-78-5	Yes
Dipentamethylenethiuram hexasulfide	971-15-3	Yes
Kaolin	1332-58-7	Yes
Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Yes
Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Yes
Propionic acid	79-09-4	Yes
Stearic acid	57-11-4	Yes
Sulfur	7440-34-9	No
Titanium dioxide	13463-67-7	Yes
White mineral oil	8042-47-5	Yes
Zinc oxide	1314-13-2	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Stearic acid	57-11-4	Uncontrolled product according to WHMIS classification criteria
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	D2A
• Propionic acid	79-09-4	B3, D1B, E
• Titanium dioxide	13463-67-7	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health

		Canada's WHMIS Division website.)
• Zinc oxide	1314-13-2	Uncontrolled product according to WHMIS classification criteria
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Uncontrolled product according to WHMIS classification criteria
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed
Canada - WHMIS - Ingredient Disclosure List		
• Stearic acid	57-11-4	1 %
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	1 %
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	1 %
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Environment**Canada - 2004 NPRI (National Pollutant Release Inventory)**

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Part 1, Group 1 Substance
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada - 2005 NPRI (National Pollutant Release Inventory)

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed

• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Part 1, Group 1 Substance
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada - CEPA - Priority Substances List

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada - DWQ (Drinking Water Quality) - IMACs

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed

• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Other**Canada - Accelerated Reduction/Elimination of Toxics (ARET)**

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada New Brunswick**Environment****Canada - New Brunswick - Ozone Depleting Substances - Schedule A**

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Canada - New Brunswick - Ozone Depleting Substances - Schedule B

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	R31 R43 N; R50-53
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C; R34
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N; R50-53
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Carc.Cat.2; R45
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	10%≤C<25%: Xi; R:36/37/38 25%≤C: C; R:34
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed

• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Xi N R:31-43-50/53 S:(2)-36/37-60-61
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C R:34 S:(1/2)-23-36-45
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N R:50/53 S:60-61
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	T R:45 S:53-45
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	B
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	L
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	S:(2)-36/37-60-61
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	S:(1/2)-23-36-45
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	S:60-61
• Zinc oxide as Zinc compounds		Not Listed

• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	S:53-45
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

United States

Labor

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

Environment

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed

• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	5000 lb final RQ; 2270 kg final RQ
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed

• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		1.0 % de minimis concentration (Chemical Category N982)
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed

• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	hazardous constituent - no waste number
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

United States - California

Environment

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

United States - Pennsylvania**Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	(fume)
• Zinc oxide as Zinc compounds		
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed

• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Dipentamethylenethiuram hexasulfide	971-15-3	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	Not Listed
• Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Not Listed
• Sulfur	7440-34-9	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Benzanilide, 2,2''-dithiobis-	135-57-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	64742-52-5	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-(4-(1-methyl-1-phenylethyl)phenyl)-	10081-67-1	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information**Relevant Phrases (code & full text)**

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H350 - May cause cancer.
- H351 - Suspected of causing cancer.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H411 - Toxic to aquatic life with long lasting effects
- H412 - Harmful to aquatic life with long lasting effects
- R31 - Contact with acids liberates toxic gas.
- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R38 - Irritating to skin.
- R40 - Limited evidence of a carcinogenic effect.
- R43 - May cause sensitisation by skin contact.
- R45 - May cause cancer.
- R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R50 - Very toxic to aquatic organisms.
- R51 - Toxic to aquatic organisms.
- R53 - May cause long-term adverse effects in the aquatic environment.

Last Revision Date

- 04/December/2013

Preparation Date

- 04/December/2013

Disclaimer/Statement of

- The information contained herein is believed to be accurate but is not warranted to be

Liability

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
