

**(Material) Safety Data Sheet****Section 1 - Product and Company Identification**

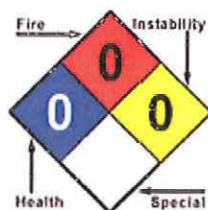
Material Name	• Precure Cushion Gum
Product Description	• Black rubbery solid with characteristic odor.
Product Use	• Tire retread and repair
Synonyms	• FRT Cushion Gum; Patch Fast Gum; PC Cushion Strip
Manufacturer	• Patch Rubber Company 100 Patch Rubber Road Weldon, NC 27890 United States
Telephone	
General	• (252)-536-2574
<u>Emergency</u>	• 1-800-424-9300 - CHEMTREC
<u>Emergency</u>	• +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)
Preparation Date	• 01/05/2012
Last Revision Date	• 01/05/2012

Section 2 - Hazards Identification**Emergency Overview**

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

Physical Form	• Solid
Color	• Black
Odor	• Characteristic
OSHA	• None
WHMIS	• None
GHS	• None

NFPA:



Potential Health Effects

Inhalation

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- No data available.

Skin

Acute (Immediate)

- Contains component(s) that have been reported to cause skin sensitization even when incorporated in rubber articles.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

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

- 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	NTP
2-Benzothiazolethiol	149-30-4	Not established	Evidence of Carcinogenicity
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen	Not established

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Benzanilide, 2',2'''-dithiobis-	CAS:135-57-9 EINECS:205-201-9	0.26% TO 0.312%	Ingestion/Oral-Rat LD50 · >4 g/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Carbon Black	CAS:1333-86-4 EINECS:215-609-9	> 25.66%	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	CAS:64742-52-5 EINECS:265-155-0	11.314%	NDA	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Zinc oxide	CAS:1314-13-2 EINECS:215-222-5	4.19%	NDA	OSHA:Non-hazardous WHMIS:Disclosure at 1.0% - ingredient disclosure list.	NDA

				UN GHS:Hazardous	
Thermoplastic Phenolic Resin	NDA	1.57%	NDA	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Benzothiazole, 2,2'-dithiobis-	CAS:120-78-5 EINECS:204-424-9	0.551%	Ingestion/Oral-Rat LD50 · >12 g/kg Skin-Rabbit LD50 · >7940 mg/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Phthalimide, N-(cyclohexylthio)-	CAS:17796-82-6 EINECS:241-774-1	0.494%	Skin-Rabbit LD50 · >5 g/kg Ingestion/Oral-Rat LD50 · >2600 mg/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
2-Benzothiazolethiol	CAS:149-30-4 EINECS:205-736-8	0.399%	Ingestion/Oral-Rat LD50 · 100 mg/kg Inhalation-Rat LC50 · >1270 mg/m³ Skin-Rabbit LD50 · >7940 mg/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Oleic acid	CAS:112-80-1 EINECS:204-007-1	0.3692%	Ingestion/Oral-Rat LD50 · 25000 mg/kg	OSHA:Non-hazardous WHMIS:Non-hazardous UN GHS:Hazardous	NDA
Sulfur	CAS:7704-34-9 UN:UN1350, UN2448, 231-722-6 EINECS:UN1350, UN2448, 231-722-6	0.2496%	Inhalation-Mammal LC50 · 1660 mg/m³	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
Guanidine, 1,3-diphenyl-	CAS:102-06-7 EINECS:203-002-1	0.192%	Ingestion/Oral-Rat LD50 · 323 mg/kg Skin-Rabbit LD50 · >794 mg/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA
9,12-Octadecadienoic acid, (Z)-	CAS:60-33-3 EINECS:200-470-9	0.0416%	NDA	OSHA:Non-hazardous WHMIS:Non-hazardous UN GHS:Hazardous	NDA
Palmitic acid	CAS:57-10-3 EINECS:200-312-9	0.026%	Ingestion/Oral-Rat LD50 · >10 g/kg	OSHA:Non-hazardous WHMIS:Non-hazardous UN GHS:Hazardous	NDA
Myristic acid	CAS:544-63-8 EINECS:208-875-2	0.0156%	Ingestion/Oral-Rat LD50 · >10 g/kg	OSHA:Non-hazardous WHMIS:Non-hazardous UN GHS:Hazardous	NDA
Sulfide, bis (dimethylthiocarbamoyl)	CAS:97-74-5 EINECS:202-605-7	0.015%	Ingestion/Oral-Rat LD50 · 450 mg/kg	OSHA:Hazardous WHMIS:Hazardous UN GHS:Hazardous	NDA

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard. In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS). According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is not considered hazardous.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop,

Eye	- get medical attention. - First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.
Ingestion	First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

Extinguishing Media	Material is non-combustible. In case of fire use media as appropriate for surrounding fire.
Unsuitable Extinguishing Media	No data available.
Firefighting Procedures	Material is non-combustible and is not expected to pose a fire or explosion hazard. Wear appropriate protective clothing.
Unusual Fire and Explosion Hazards	Material is non-combustible and is not expected to pose a fire or explosion hazard.
Hazardous Combustion Products	No data available.
Protection of Firefighters	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal Precautions	No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.
Emergency Procedures	No emergency procedures are expected to be necessary if material is used under ordinary conditions as as recommended. Use normal clean up procedures.
Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas.
Containment/Clean-up Measures	Carefully shovel or sweep up spilled material and place in suitable container.
Prohibited Materials	No data available.

Section 7 - Handling and Storage

Handling	Avoid breathing vapors, dusts, or mists – processing fumes. Use good safety and industrial hygiene practices.
Storage	Store in a cool, dry place.
Special Packaging Materials	No data available.
Incompatible Materials or Ignition Sources	No data available.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms	
Respiratory	No respiratory protection is required under normal conditions and use.
Eye/Face	Wear safety glasses.

Hands

- Under normal conditions of use, no protection is required.

Engineering Measures/Controls

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

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	NIOSH	OSHA
Formaldehyde (50-00-0)	Ceilings	0.3 ppm Ceiling	1.5 ppm CEV	2 ppm Ceiling; 3 mg/m ³ Ceiling	0.1 ppm Ceiling (15 min)	Not established
	STELs	Not established	1.0 ppm STEV	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
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 TWAEV (total dust)	10 mg/m ³ TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Propionic acid (79-09-4)	TWAs	10 ppm TWA	10 ppm TWAEV; 30 mg/m ³ TWAEV	10 ppm TWAEV; 30 mg/m ³ TWAEV	10 ppm TWA; 30 mg/m ³ TWA	Not established
	STELs	Not established	Not established	Not established	15 ppm STEL; 45 mg/m ³ STEL	Not established
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 TWAEV (containing no asbestos and less than 1% crystalline silica, respirable)	5 mg/m ³ TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Zinc oxide (1314-13-2)	STELs	10 mg/m ³ STEL (respirable fraction)	10 mg/m ³ STEV (respirable)	10 mg/m ³ STEV (fume)	10 mg/m ³ STEL (fume)	Not established
	TWAs	2 mg/m ³ TWA (respirable fraction)	2 mg/m ³ TWAEV (respirable)	5 mg/m ³ TWAEV (fume); 10 mg/m ³ TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	5 mg/m ³ TWA (dust and fume)	5 mg/m ³ TWA (fume); 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
	Ceilings	Not established	Not established	Not established	15 mg/m ³ Ceiling (dust)	Not established
Carbon Black (1333-86-4)	TWAs	3.5 mg/m ³ TWA	3.5 mg/m ³ TWAEV	3.5 mg/m ³ TWAEV	3.5 mg/m ³ TWA; 0.1 mg/m ³ TWA (carbon black in presence of polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m ³ TWA

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

CEV = Ceiling exposure value; is the maximum airborne concentration of a biological or chemical agent to which a worker is exposed at any time

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

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

STEV = Short Term Exposure Value

TWAEV = Time-Weighted Average Exposure Value

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

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Black solid rubber with characteristic odor.
Color	Black	Odor	Characteristic
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant		
General Properties			
Boiling Point	Not relevant	Melting Point	Not relevant
Decomposition Temperature	Not relevant	Heat of Decomposition	Not relevant
pH	Not relevant	Specific Gravity/Relative Density	1.12 Water=1
Density	Not relevant	Bulk Density	Not relevant
Water Solubility	Soluble	Solvent Solubility	Not relevant
Viscosity	Not relevant		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant	VOC (Wt.)	Not relevant
VOC (Vol.)	Not relevant	Volatiles (Wt.)	Not relevant
Volatiles (Vol.)	Not relevant		
Flammability			
Flash Point	Not relevant	Flash Point Test Type	Not relevant
UEL	Not relevant	LEL	Not relevant
Autoignition	Not relevant	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Heat of Combustion (ΔH_c)	Not relevant	Burning Time	Not relevant
Flame Duration	Not relevant	Flame Height	Not relevant
Flame Extension	Not relevant	Ignition Distance	Not relevant
Environmental			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

Section 10 - Stability and Reactivity

Stability

- Stable under normal temperatures and pressures.

Hazardous Polymerization

- Hazardous polymerization will not occur.

Conditions to Avoid

- No data available.

Incompatible Materials

- None known.

Hazardous Decomposition Products

- Carbon Monoxide, Carbon Dioxide, Smoke, Aliphatics, Aromatics, Sulfur Oxides.

Section 11 - Toxicological Information

Component Name	CAS	Data
Carbon Black (> 25.66%)	1333-86-4	Acute Toxicity: orl-rat LD50:>15400 mg/kg; ihl-rat TCLo:50 mg/m3; skn-rbt LD50:>3 gm/kg; Mutagen: dnd-rat-ihl 50 ug/L/13W-I; Tumorigen/Carcinogen: ihl-rat TCLo:11600 ug/m3/18H/2Y-I
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) (11.314%)	64742-52-5	Acute Toxicity: orl-rat LD :>5 gm/kg; Irritation: skn-rbt 500 mg SEV; Tumorigen/Carcinogen: skn-mus TD :398 gm/kg/22W-I
Benzothiazole, 2,2'-dithiobis- (0.551%)	120-78-5	Acute Toxicity: orl-rat LD50:>12 gm/kg; skn-rbt LD50:>7940 mg/kg; Tumorigen/Carcinogen: orl-mus TDLo:172 gm/kg/78W-I
Phthalimide, N-(cyclohexylthio)- (0.494%)	17796-82-6	Acute Toxicity: orl-rat LD50:>2600 mg/kg; ihl-rat TCLo:50 mg/m3/90D-I; Irritation: eye-rbt 70 mg MLD; Reproductive: orl-rat TDLo:405 mg/kg (1-22D preg)
2-Benzothiazolethiol (0.399%)	149-30-4	Acute Toxicity: orl-rat LD50:100 mg/kg; ihl-rat LC50:>1270 mg/m3; skn-mus TDLo:5 pph/3D-C; Irritation: skn-mus 7.5%/12D; Tumorigen/Carcinogen: orl-rat TDLo:195 gm/kg/2Y-I
Oleic acid (0.3692%)	112-80-1	Acute Toxicity: orl-rat LD50:25000 mg/kg; Irritation: eye-rbt 100 mg MLD; skn-hmn 15 mg/3D-I MOD; Tumorigen/Carcinogen: skn-mus TDLo:6 mL/kg/10D-I
Guanidine, 1,3-diphenyl- (0.192%)	102-06-7	Acute Toxicity: orl-rat LD50:350 mg/kg; skn-rbt LD50:>794 mg/kg; Reproductive: orl-mus TDLo:56 mg/kg (7D male)
9,12-Octadecadienoic acid, (Z)- (0.0416%)	60-33-3	Acute Toxicity: skn-mus TDLo:1500 mg/kg/3D-I; Irritation: skn-hmn 75 mg/3D-I MOD
Palmitic acid (0.026%)	57-10-3	Acute Toxicity: orl-rat LD50:>10 gm/kg; Irritation: skn-hmn 75 mg/3D-I MLD
Myristic acid (0.0156%)	544-63-8	Acute Toxicity: orl-rat LD50:>10 gm/kg; Irritation: eye-rbt 100 mg MLD
Sulfide, bis(dimethylthiocarbamoyl) (0.015%)	97-74-5	Acute Toxicity: orl-rat LD50:450 mg/kg; orl-rat TDLo:520 mg/kg/4W-I

Section 12 - Ecological Information**Ecological Fate**

- Material data lacking.

Persistence/Degradability

- Material data lacking.

Bioaccumulation Potential

- Material data lacking.

Mobility in Soil

- Material data lacking.

Section 13 - Disposal Considerations**Product**

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

Section 14 - Transportation Information

This material is not a regulated hazardous material with respect to the following transportation regulations: United States Department of Transportation (US DOT), Canadian Transportation of Dangerous Goods (TDG), International Air Transport Association (IATA) or International Maritime Transport (IMO/IMDG).

Section 15 - Regulatory Information

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
Kaolin	1332-58-7	Yes	Yes	Yes
Calcium silicate	1344-95-2	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Benzanilide, 2',2'''-dithiobis-	135-57-9	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	No	No	No
Zinc oxide	1314-13-2	Yes	Yes	Yes
Sulfur homopolymer	9035-99-8	No	No	No
Thermoplastic Phenolic Resin	NDA	No	No	No
Benzothiazole, 2,2'-dithiobis-	120-78-5	No	No	No
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	No	No	No
Phthalimide, N-(cyclohexylthio)-	17796-82-6	No	No	No
2-Benzothiazolethiol	149-30-4	No	Yes	No
Oleic acid	112-80-1	No	No	Yes
Sulfur	7704-34-9	Yes	Yes	Yes
Guanidine, 1,3-diphenyl-	102-06-7	No	No	No
9,12-Octadecadienoic acid, (Z)-	60-33-3	No	No	No
Palmitic acid	57-10-3	No	No	No
Acrylonitrile-Butadiene Polymer	9003-18-3	No	No	No
Myristic acid	544-63-8	No	No	No

Sulfide, bis (dimethylthiocarbamoyl)	97-74-5	No	No	No
Linolenic acid	463-40-1	No	No	No
Formaldehyde	50-00-0	Yes	Yes	Yes

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Kaolin	1332-58-7	Yes	No	Yes
Calcium silicate	1344-95-2	Yes	No	Yes
Propionic acid	79-09-4	Yes	No	Yes
Benzanilide, 2',2''- dithiobis-	135-57-9	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes	No	Yes
Zinc oxide	1314-13-2	Yes	No	Yes
Sulfur homopolymer	9035-99-8	Yes	No	Yes
Thermoplastic Phenolic Resin	NDA	No	No	No
Benzothiazole, 2,2'- dithiobis-	120-78-5	Yes	No	Yes
Quinoline, 1,2- dihydro-2,2,4- trimethyl-, homopolymer	26780-96-1	Yes	No	Yes
Phthalimide, N- (cyclohexylthio)-	17796-82-6	Yes	No	Yes
2-Benzothiazolethiol	149-30-4	Yes	No	Yes
Oleic acid	112-80-1	Yes	No	Yes
Sulfur	7704-34-9	Yes	No	Yes
Guanidine, 1,3- diphenyl-	102-06-7	Yes	No	Yes
9,12- Octadecadienoic acid, (Z)-	60-33-3	Yes	No	Yes
Palmitic acid	57-10-3	Yes	No	Yes
Acrylonitrile- Butadiene Polymer	9003-18-3	Yes	No	Yes
Myristic acid	544-63-8	Yes	No	Yes
Sulfide, bis (dimethylthiocarbamoyl)	97-74-5	Yes	No	Yes
Linolenic acid	463-40-1	Yes	No	Yes
Formaldehyde	50-00-0	Yes	No	Yes

Canada

Labor**Canada - WHMIS - Classifications of Substances**

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Uncontrolled product according to WHMIS classification criteria
• Linolenic acid	463-40-1	0.0052%	Uncontrolled product according to WHMIS classification criteria
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Uncontrolled product according to WHMIS classification criteria
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	D2A
• Propionic acid	79-09-4	0.0042% TO 0.5148%	B3, D1B, E
• Oleic acid	112-80-1	0.3692%	Uncontrolled product according to WHMIS classification criteria
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol)
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	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 website.)
• Zinc oxide	1314-13-2	4.19%	Uncontrolled product according to WHMIS classification criteria
• Sulfur	7704-34-9	0.2496%	B4
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	1 %
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	1 %
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	1 %
• Oleic acid	112-80-1	0.3692%	1 %
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	0.1 %
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	1 %
• Zinc oxide	1314-13-2	4.19%	1 %
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	1 %
• Benzanilide, 2',2''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed

• Sulfur homopolymer	9035-99-8	2.24%	Not Listed
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Environment**Canada - CEPA - Priority Substances List**

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Priority Substance List 2 (substance considered toxic)
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	1000 lb TQ
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed

• Sulfur homopolymer	9035-99-8	2.24%	Not Listed
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U.S. - OSHA - Specifically Regulated Chemicals

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed

• Sulfur homopolymer	9035-99-8	2.24%	Not Listed
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U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	5000 lb final RQ; 2270 kg final RQ
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	100 lb final RQ; 45.4 kg final RQ
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
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• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	100 lb EPCRA RQ
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	500 lb TPQ
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed

• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	1.0 % de minimis concentration
• Formaldehyde	50-00-0	0.0016%	0.1 % de minimis concentration
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed

• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Included in waste streams: K009, K010, K038, K040, K156, K157
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	hazardous constituent - no waste number
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	waste number U122
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed

• Formaldehyde	50-00-0	0.0016%	waste number U122
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

United States - California

Environment

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	carcinogen, initial date 1/1/88 (gas)
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed

• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	40 µg/day NSRL
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed

• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	(including fume)
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Not Listed
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Not Listed
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Not Listed
• Oleic acid	112-80-1	0.3692%	Not Listed
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Not Listed
• Zinc oxide	1314-13-2	4.19%	Not Listed
• Sulfur	7704-34-9	0.2496%	Not Listed
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

United States - Rhode Island

Labor**U.S. - Rhode Island - Hazardous Substance List**

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	0.0416%	Not Listed
• Linolenic acid	463-40-1	0.0052%	Not Listed
• Calcium silicate	1344-95-2	0.0026% TO 0.52%	Toxic
• Palmitic acid	57-10-3	0.026%	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	0.5148%	Not Listed
• Benzothiazole, 2,2'-dithiobis-	120-78-5	0.551%	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	0.015%	Not Listed
• Kaolin	1332-58-7	0.208% TO 0.52%	Toxic
• Propionic acid	79-09-4	0.0042% TO 0.5148%	Toxic; Flammable
• Oleic acid	112-80-1	0.3692%	Flammable
• 2-Benzothiazolethiol	149-30-4	0.399%	Not Listed
• Formaldehyde	50-00-0	0.0016%	Toxic; Flammable; Carcinogen
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	11.314%	Not Listed
• Carbon Black	1333-86-4	> 25.66%	Toxic
• Zinc oxide	1314-13-2	4.19%	Toxic
• Sulfur	7704-34-9	0.2496%	Flammable
• Acrylonitrile-Butadiene Polymer	9003-18-3	0.024%	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	0.192%	Not Listed
• Myristic acid	544-63-8	0.0156%	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	0.26% TO 0.312%	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	0.494%	Not Listed
• Sulfur homopolymer	9035-99-8	2.24%	Not Listed

Section 16 - Other Information**Preparation Date**

- 01/05/2012

Last Revision Date

- 01/05/2012

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.