

Safety Data Sheet



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

1.1 Product identifier

Product Name	• Cushion Gum
Synonyms	• Stripping Stock
Product Code	• Various

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

Relevant identified use(s)	• Tire repair
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1.3 Details of the supplier of the safety data sheet

Manufacturer	• Patch Rubber Company 100 Patch Rubber Road Weldon, NC 27890 United States
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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 EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP	• Not Classified - Classification criteria not met
DSD/DPD	• Not Classified - Classification criteria not met

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
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- DSD/DPD**
- hazardous.
 - 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
 - Reproductive Toxicity 2 - H361

2.2 Label elements

OSHA HCS 2012

WARNING



- Hazard statements**
- May cause an allergic skin reaction - H317
 - Suspected of damaging fertility or the unborn child. - H361

Precautionary statements

- Prevention**
- Obtain special instructions before use. - P201
 - Do not handle until all safety precautions have been read and understood. - P202
 - 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
 - IF exposed or concerned: Get medical advice/attention. - P308+P313
- Storage/Disposal**
- Store locked up. - P405
 - 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 - D2A

2.2 Label elements

WHMIS



- Other Toxic Effects - D2A

2.3 Other hazards

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

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Kaolin	CAS: 1332-58-7	10% TO 30%	NDA	EU DSD/DPD: None EU CLP: None OSHA HCS 2012: None	NDA
Carbon Black	CAS: 1333-86-4 EC Number: 215-609-9	17.27% TO 17.62%	Ingestion/Oral-Rat LD50 • >15400 mg/kg Skin-Rabbit LD50 • >3 g/kg	EU DSD/DPD: Not classified - Classification criteria not met EU CLP: Not Classified - Classification criteria not met OSHA HCS 2012: Carc. 2	NDA
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	CAS: 64742-52-5 EC Number: 265-155-0	5.208% TO 8.68%	NDA	EU DSD/DPD: Annex I: Carc.Cat.2; R45 EU CLP: Annex VI: Carc. 1B; H350 OSHA HCS 2012: Skin Irrit. 2	NDA
Styrene polymer with 1,3-butadiene (Kraton)	CAS: 9003-55-8	3% TO 7%	NDA	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Eye Irrit. 2B	NDA
Zinc oxide	CAS: 1314-13-2 EC Number: 215-222-5	2.12% TO 2.14%	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
Fatty acids, tall oil	CAS: 61790-12-3 EINECS: 263-107-3	0.5% TO 1.5%	Ingestion/Oral-Rat LD50 • >10000 mg/kg	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Data Lacking	NDA
Sulfur	CAS: 7704-34-9 EC Number: 231-722-6	0.1% TO 1%	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
Rosin	CAS: 8050-09-7 EC Number: 232-475-7	0.1% TO 1%	Inhalation-Rat LC50 • 110 mg/m ³ Ingestion/Oral-Rat LD50 • 3 mg/kg	EU DSD/DPD: Annex I: R43 EU CLP: Annex VI: Skin Sens. 1, H317 OSHA HCS 2012: Skin Sens. 1	NDA
Guanidine, 1,3-diphenyl-	CAS: 102-06-7 EC Number: 203-002-1	0.1% TO 1%	Ingestion/Oral-Rat LD50 • 323 mg/kg Skin-Rabbit LD50 • >794 mg/kg	EU DSD/DPD: Annex I: Xn; R22 Xi; R36/37/38 N; R51-53 Repr.Cat.3; R62 EU CLP: Annex VI: Repr. 2, H361f; Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3 - Resp., H335; Skin Irrit. 2, H315; Aquatic Chronic 2, H411 OSHA HCS 2012: Eye Irrit. 2A; Acute Tox. 4 (Dermal); Acute Tox. 4 (Oral); Repr. 2	NDA

Fuels, diesel, No. 2	CAS: 68476-34-6 EC Number: 270-676-1	0.1% TO 1%	NDA	EU DSD/DPD: Annex I: Carc.Cat.3; R40 EU CLP: Annex VI: Carc. 2; H351 OSHA HCS 2012: Not Classified - Criteria not met	NDA
Benzothiazole, 2-(morpholiniothio)-	CAS: 102-77-2 EC Number: 203-052-4	0.414% TO 0.69%	Ingestion/Oral-Rat LD50 • >10 g/kg	EU DSD/DPD: Annex I: Xi; R36/38 R43 N; R51-53 EU CLP: Annex VI: Eye Irrit. 2, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411 OSHA HCS 2012: Eye Irrit. 2A; Skin Irrit. 2; Skin Sens. 1	NDA
Oleic acid	CAS: 112-80-1 EC Number: 204-007-1	0.318% TO 0.424%	Ingestion/Oral-Rat LD50 • 25000 mg/kg	EU DSD/DPD: Self Classified: Xi; R38 EU CLP: Self Classified: Skin Irrit. 2, H315 OSHA HCS 2012: Skin Irrit. 2	NDA
Titanium dioxide	CAS: 13463-67-7 EC Number: 236-675-5	0.0427% TO 0.2136%	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
Quartz	CAS: 14808-60-7 EC Number: 238-878-4	0.0107% TO 0.1068%	NDA	EU DSD/DPD: Self Classified: Carc 1; R45 EU CLP: Self Classified: Carc. 1A, H350 OSHA HCS 2012: Carc. 1A	NDA
9,12-Octadecadienoic acid, (Z)-	CAS: 60-33-3 EINECS: 200-470-9	0.053% TO 0.106%	NDA	EU DSD/DPD: Self Classified: Xi; R38 EU CLP: Self Classified: Skin Irrit. 2, H315 OSHA HCS 2012: Skin Irrit. 2	NDA
Sulfide, bis (dimethylthiocarbamoyl)	CAS: 97-74-5 EC Number: 202-605-7	< 0.1%	Ingestion/Oral-Rat LD50 • 450 mg/kg	EU DSD/DPD: Annex I: Xn; R22 R43 N; R51-53 EU CLP: Annex VI: Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 2, H411 OSHA HCS 2012: Skin Sens. 1; Acute Tox. 4, Oral	NDA
Benzanilide, 2',2'''-dithiobis-	CAS: 135-57-9 EINECS: 205-201-9	0.08% TO 0.096%	Ingestion/Oral-Rat LD50 • >4 g/kg	EU DSD/DPD: Self Classified: Xi; R43 EU CLP: Self Classified: Skin Sens. 1, H317 OSHA HCS 2012: Eye Irrit. 2B; Skin Sens. 1	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 Products • No data available.

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 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
Propionic acid (79-09-4)	STELs	Not established	Not established	Not established	60 mg/m ³ STEL	20 ppm STEL [VLCT] (indicative limit); 62 mg/m ³ STEL [VLCT] (indicative limit)
	TWAs	10 ppm TWA	10 ppm TWA	10 ppm TWAEV; 30 mg/m ³ TWAEV	30 mg/m ³ TWA	10 ppm TWA [VME] (indicative limit); 31 mg/m ³ TWA [VME] (indicative limit)
Quartz (14808-60-7)	STELs	Not established	Not established	Not established	2 mg/m ³ STEL (10%- 50% free SiO ₂ , total dust); 1.4 mg/m ³ STEL (50%-80% free SiO ₂ , total dust); 1 mg/m ³ STEL (containing >80% free SiO ₂ , total dust); 1.4 mg/m ³ STEL (10%-50% free SiO ₂ , respirable dust); 0.6 mg/m ³ STEL (50%-80% free SiO ₂ , respirable dust); 0.4 mg/m ³ STEL (containing >80% free SiO ₂ , respirable dust)	Not established
	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.10 mg/m ³ TWA (designated substance regulation, respirable)	0.1 mg/m ³ TWAEV (respirable dust)	0.7 mg/m ³ TWA (containing 50-80% free SiO ₂ , total dust); 0.3 mg/m ³ TWA (containing 50-80% free SiO ₂ , respirable dust); 1 mg/m ³ TWA (containing 10-50% free SiO ₂ , total dust); 0.7 mg/m ³ TWA (containing 10-50% free SiO ₂ , respirable dust); 0.5 mg/m ³ TWA (containing >80% free SiO ₂ , total dust); 0.2 mg/m ³ TWA (containing >80% free SiO ₂ , respirable dust)	0.1 mg/m ³ TWA [VME] (restrictive limit, alveolar fraction)
	STELs	Not established	Not established	Not established	16 mg/m ³ STEL (total dust)	Not established

Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA (total dust)	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)
Fuels, diesel, No. 2 (68476-34-6)	TWAs	100 mg/m3 TWA (inhalable fraction and vapor, as total hydrocarbons, listed under Diesel fuel)	100 mg/m3 TWA (total hydrocarbons, listed under Diesel fuel)	Not established	Not established	Not established
Rosin (8050-09-7)	TWAs	Not established	exposure by all routes should be carefully controlled to levels as low as possible	0.1 mg/m3 TWAEV (as Formaldehyde)	Not established	0.1 mg/m3 TWA [VME] (as Formaldehyde)
Calcium silicate (1344-95-2)	TWAs	10 mg/m3 TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m3 TWA (synthetic nonfibrous, containing no Asbestos and <1% Crystalline silica)	10 mg/m3 TWAEV (synthetic, containing no Asbestos and <1% Crystalline silica, total dust)	Not established	Not established
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (respirable)	10 mg/m3 STEV (fume)	5 mg/m3 STEL	Not established
	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)
Kaolin (1332-58-7)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m3 TWA (containing no Asbestos and <1% Crystalline silica, respirable)	5 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	Not established	10 mg/m3 TWA [VME]
Carbon Black (1333-86-4)	STELs	Not established	Not established	Not established	8 mg/m3 STEL (total dust)	Not established
	TWAs	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	4 mg/m3 TWA (total dust)	3.5 mg/m3 TWA [VME]

Exposure Limits/Guidelines (Con't.)

	Result	Germany DFG	Germany TRGS	Italy	NIOSH
Propionic acid (79-09-4)	STELs	Not established	Not established	20 ppm STEL; 62 mg/m3 STEL	15 ppm STEL; 45 mg/m3 STEL
	TWAs	Not established	10 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 31 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure	10 ppm TWA; 31 mg/m3 TWA	10 ppm TWA; 30 mg/m3 TWA

			factor 2)		
	Ceilings	20 ppm Peak; 62 mg/m3 Peak	Not established	Not established	Not established
	MAKs	10 ppm TWA MAK; 31 mg/m3 TWA MAK	Not established	Not established	Not established
Quartz (14808-60-7)	TWAs	Not established	Not established	Not established	0.05 mg/m3 TWA (respirable dust)
Calcium silicate (1344-95-2)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Zinc oxide (1314-13-2)	Ceilings	1 mg/m3 Peak (respirable fraction, fume)	Not established	Not established	15 mg/m3 Ceiling (dust)
	STELs	Not established	Not established	Not established	10 mg/m3 STEL (fume)
	TWAs	Not established	Not established	Not established	5 mg/m3 TWA (dust and fume)
	MAKs	1 mg/m3 TWA MAK (fume, respirable fraction)	Not established	Not established	Not established
Kaolin (1332-58-7)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Carbon Black (1333-86-4)	TWAs	Not established	Not established	Not established	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

Exposure Control Notations

Italy

• Fuels, diesel, No. 2 (68476-34-6): **Carcinogens:** (Category 3 Carcinogen) | **Carcinogens:** (Category 2 Carcinogen)

ACGIH

• Fuels, diesel, No. 2 (68476-34-6): **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Diesel fuel)) | **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (synthetic nonfibrous)) | **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen) | **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans) | **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen) | **Carcinogens:** (A2 - Suspected Human Carcinogen) | **Sensitizers:** (Sensitizer (listed under Rosin core solder thermal decomposition products)) | **Skin:** (Skin - potential significant contribution to overall exposure by the cutaneous route (listed under Diesel fuel))

Germany DFG

• Tall oil (8002-26-4): **Carcinogens:** (Category 3A (could be carcinogenic for man)) | **Carcinogens:** (Category 3B (could be carcinogenic for man)) | **Carcinogens:** (Category 3A (could be carcinogenic for man)) | **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction)) | **Carcinogens:** (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)) | **Carcinogens:** (Category 1 (causes cancer in man, alveola fraction)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer (applies only for Tall oil distillates containing Abietic acid)) | **Sensitizers:** (skin sensitizer)

Exposure Limits Supplemental

OSHA

• Quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO₂ + 2) mg/m3 TWA, total dust; (250)/(%SiO₂ + 5) mppcf TWA, respirable fraction; (10)/(%SiO₂ + 2) mg/m3 TWA, respirable fraction)

ACGIH

• Fuels, diesel, No. 2 (68476-34-6): **TLV Basis - Critical Effects:** (dermatitis (listed under Diesel fuel)) | **TLV Basis - Critical Effects:** (upper respiratory tract irritation (synthetic nonfibrous)) | **TLV Basis - Critical Effects:** (pneumoconiosis) | **TLV Basis - Critical Effects:** (eye, skin and upper respiratory tract irritation) | **TLV Basis - Critical Effects:** (asthma; dermatitis; skin sensitization (listed under Rosin core solder thermal decomposition products)) | **TLV Basis - Critical Effects:** (bronchitis) | **TLV Basis - Critical Effects:** (lower respiratory tract irritation) | **TLV Basis - Critical Effects:** (metal fume fever) | **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis) | **No Adopted Value:** (Exposure

by all routes should be carefully controlled to levels as low as possible (listed under Rosin core solder thermal decomposition products))

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	Black solid rubber with characteristic rubber odor.
Color	Black	Odor	Characteristic
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	1.11 to 1.17 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

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- No data available.

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

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

Section 11 - Toxicological Information

11.1 Information on toxicological effects

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 • Toxic to Reproduction 2
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

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 CB4REACH Consortium has concluded that carbon black is classified as not carcinogenic. This classification is currently under review. 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." The quartz and titanium dioxide components are also encapsulated in the rubber therefore no significant exposure to either of these components is expected.

Carcinogenic Effects			
	CAS	IARC	NTP
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Not Listed
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen	Not Listed

Reproductive Effects

- Tests in animals have shown that some components of this material have reproductive effects.

Key to abbreviations

LD = Lethal Dose	SEV = Severe
MLD = Mild	TC = Toxic Concentration
MOD = Moderate	TD = Toxic Dose

Section 12 - Ecological Information**12.1 Toxicity**

- No data available

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
Carbon Black	1333-86-4	Yes	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	No	No	No
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	No	No	No
Zinc oxide	1314-13-2	Yes	Yes Yes	Yes Yes

Benzanilide, 2',2'''-dithiobis-	135-57-9	No	No	No
Benzothiazole, 2-(morpholinothio)-	102-77-2	No	No	No
Fatty acids, tall oil	61790-12-3	No	No	No
Oleic acid	112-80-1	No	No	Yes
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	No	No	No
Rosin	8050-09-7	No	No	No
Sulfur homopolymer	9035-99-8	No	No	No
9,12-Octadecadienoic acid, (Z)-	60-33-3	No	No	No
Kaolin	1332-58-7	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Calcium silicate	1344-95-2	Yes	Yes	Yes
Sulfur	7704-34-9	Yes	Yes	Yes
Quartz	14808-60-7	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Water	7732-18-5	No	No	No
Guanidine, 1,3-diphenyl-	102-06-7	No	No	No
Sulfide, bis (dimethylthiocarbamoyl)	97-74-5	No	No	No
Tall oil	8002-26-4	No	No	No
Fuels, diesel, No. 2	68476-34-6	No	Yes	No
Rosin oil	68425-08-1	No	No	No
Tall oil pitch	8016-81-7	No	No	No

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
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes	No	Yes	Yes	No
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	No	Yes	No	No
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	No
Benzanilide, 2',2'''-dithiobis-	135-57-9	Yes	No	Yes	Yes	No
Benzothiazole, 2-(morpholinothio)-	102-77-2	Yes	No	Yes	Yes	No

Fatty acids, tall oil	61790-12-3	Yes	No	Yes	Yes	No
Oleic acid	112-80-1	Yes	No	Yes	Yes	No
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Yes	No	Yes	No	No
Rosin	8050-09-7	Yes	No	Yes	Yes	No
Sulfur homopolymer	9035-99-8	Yes	No	Yes	No	No
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes	No	Yes	Yes	No
Kaolin	1332-58-7	Yes	No	Yes	Yes	No
Propionic acid	79-09-4	Yes	No	Yes	Yes	No
Calcium silicate	1344-95-2	Yes	No	Yes	Yes	No
Sulfur	7704-34-9	Yes	No	Yes	Yes	No
Quartz	14808-60-7	Yes	No	Yes	Yes	No
Titanium dioxide	13463-67-7	Yes	No	Yes	Yes	No
Water	7732-18-5	Yes	No	Yes	Yes	No
Guanidine, 1,3-diphenyl-	102-06-7	Yes	No	Yes	Yes	No
Sulfide, bis (dimethylthiocarbamoyl)	97-74-5	Yes	No	Yes	Yes	No
Tall oil	8002-26-4	Yes	No	Yes	Yes	No
Fuels, diesel, No. 2	68476-34-6	Yes	No	Yes	Yes	No
Rosin oil	68425-08-1	Yes	No	No	Yes	No
Tall oil pitch	8016-81-7	Yes	No	Yes	Yes	No

Inventory (Con't.)

Component	CAS	TSCA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes
Carbon Black	1333-86-4	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes
Zinc oxide	1314-13-2	Yes
Benzanilide, 2',2''-dithiobis-	135-57-9	Yes
Benzothiazole, 2-(morpholinothio)-	102-77-2	Yes
Fatty acids, tall oil	61790-12-3	Yes
Oleic acid	112-80-1	Yes
Quinoline, 1,2-dihydro-2,2,4-trimethyl-,	26780-96-1	Yes

homopolymer		
Rosin	8050-09-7	Yes
Sulfur homopolymer	9035-99-8	Yes
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes
Kaolin	1332-58-7	Yes
Propionic acid	79-09-4	Yes
Calcium silicate	1344-95-2	Yes
Sulfur	7704-34-9	Yes
Quartz	14808-60-7	Yes
Titanium dioxide	13463-67-7	Yes
Water	7732-18-5	Yes
Guanidine, 1,3-diphenyl-	102-06-7	Yes
Sulfide, bis (dimethylthiocarbamoyl)	97-74-5	Yes
Tall oil	8002-26-4	Yes
Fuels, diesel, No. 2	68476-34-6	Yes
Rosin oil	68425-08-1	Yes
Tall oil pitch	8016-81-7	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Uncontrolled product according to WHMIS classification criteria
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Uncontrolled product according to WHMIS classification criteria
• Tall oil	8002-26-4	Uncontrolled product according to WHMIS classification criteria
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Uncontrolled product according to WHMIS classification criteria
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Uncontrolled product according to WHMIS classification criteria
• Rosin	8050-09-7	D2A
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS Division website.)
• 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

• Sulfur	7704-34-9	B4
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Uncontrolled product according to WHMIS classification criteria D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.)
• Quartz	14808-60-7	
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	1 %
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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 %
• Oleic acid	112-80-1	1 %
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	1 %
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	1 %
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Environment

Canada - CEPA - Priority Substances List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed

• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Europe

Other

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Carc.Cat.3; R40
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Xn; R22 R43 N; R51-53
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	Xi; R36/38 R43 N; R51-53
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C; R34
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	R43
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Carc.Cat.2; R45
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N; R50-53
• Sulfur	7704-34-9	Xi; R38
• Guanidine, 1,3-diphenyl-	102-06-7	Xn; R22 Xi; R36/37/38 N; R51-53 Repr.Cat.3; R62
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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

• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Xn R:40 S:(2)-36/37
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Xn N R:22-43-51/53 S:(2)-24-26-37-61
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	Xi N R:36/38-43-51/53 S:(2)-24-26-37-61
• 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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Xi R:43 S:(2)-24-37
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	T R:45 S:53-45
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N R:50/53 S:60-61
• Sulfur	7704-34-9	Xi R:38 S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	Xn N R:22-36/37/38-51/53-62 S:(2)-26-36/37/39-61
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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

• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	L
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	S:(2)-36/37
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	S:(2)-24-26-37-61
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholinothio)-	102-77-2	S:(2)-24-26-37-61
• 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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	S:(2)-24-37
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	S:53-45
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	S:60-61
• Sulfur	7704-34-9	S:(2)-46
• Guanidine, 1,3-diphenyl-	102-06-7	S:(2)-26-36/37/39-61
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States

Labor

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholinothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Environment

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed

• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed

• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed

• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed

• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	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	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	hazardous constituent - no waste number
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed

• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States - California

Environment

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Titanium dioxide	13463-67-7	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	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
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

United States - Pennsylvania

Labor

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Fuels, diesel, No. 2	68476-34-6	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Tall oil	8002-26-4	Not Listed
• Tall oil pitch	8016-81-7	Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Sulfide, bis(dimethylthiocarbamoyl)	97-74-5	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Benzothiazole, 2-(morpholiniothio)-	102-77-2	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	(fume)
• Sulfur	7704-34-9	Not Listed
• Guanidine, 1,3-diphenyl-	102-06-7	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Rosin oil	68425-08-1	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed

- Sulfur homopolymer 9035-99-8 Not Listed

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

- 9,12-Octadecadienoic acid, (Z)- 60-33-3 Not Listed
- Fuels, diesel, No. 2 68476-34-6 Not Listed
- Calcium silicate 1344-95-2 Not Listed
- Tall oil 8002-26-4 Not Listed
- Tall oil pitch 8016-81-7 Not Listed
- Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer 26780-96-1 Not Listed
- Sulfide, bis(dimethylthiocarbamoyl) 97-74-5 Not Listed
- Styrene polymer with 1,3-butadiene (Kraton) 9003-55-8 Not Listed
- Benzothiazole, 2-(morpholiniothio)- 102-77-2 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
- Oleic acid 112-80-1 Not Listed
- Rosin 8050-09-7 Not Listed
- Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) 64742-52-5 Not Listed
- Carbon Black 1333-86-4 Not Listed
- Titanium dioxide 13463-67-7 Not Listed
- Zinc oxide 1314-13-2 Not Listed
- Sulfur 7704-34-9 Not Listed
- Guanidine, 1,3-diphenyl- 102-06-7 Not Listed
- Fatty acids, tall oil 61790-12-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Rosin oil 68425-08-1 Not Listed
- Benzanilide, 2',2'''-dithiobis- 135-57-9 Not Listed
- Sulfur homopolymer 9035-99-8 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)

- H302 - Harmful if swallowed
- 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.
- H361f - Suspected of damaging fertility.
- 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
- R22 - Harmful if swallowed.
- R36/38 - Irritating to eyes and skin.
- 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.
R50 - Very toxic to aquatic organisms.
R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.
R62 - Possible risk of impaired fertility.

Last Revision Date

- 19/July/2013

Preparation Date

- 22/February/2013

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
