

Safety Data Sheet



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

1.1 Product identifier

- Product Name** • Sidewall Veneer
Product Code • 18-101; 18-102; 18-103

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

- Relevant identified use(s)** • Tire repair

1.3 Details of the supplier of the safety data sheet

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

Telephone (General) • (252)-536-2574

1.4 Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC
Manufacturer • +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

Section 2: Hazards Identification

EU/EEC

According to 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**
- Skin Sensitization 1 - H317
 - Germ Cell Mutagenicity 1B - H340
 - Carcinogenicity 1B - H350
 - Reproductive Toxicity 1B - H360FD
- DSD/DPD**
- Irritant (Xi)
 - Carcinogenic Substances - Category 2
 - Mutagenic Substances - Category 2
 - Substances Toxic To Reproduction - Category 2
 - R43, R45, R46, R60, R61

2.2 Label Elements

- CLP**
- DANGER**



- Hazard statements**
- H317 - May cause an allergic skin reaction
 - H340 - May cause genetic defects.
 - H350 - May cause cancer.
 - H360FD - May damage fertility. May damage the unborn child.

Precautionary statements

- Prevention**
 - P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - P261 - Avoid breathing dust.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P281 - Use personal protective equipment as required.
- Response**
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P321 - Specific treatment, see supplemental first aid information.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P363 - Wash contaminated clothing before reuse.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
- Storage/Disposal**
 - P405 - Store locked up.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
 - R43 - May cause sensitisation by skin contact.
 - R45 - May cause cancer.
 - R46 - May cause heritable genetic damage.
 - R60 - May impair fertility.
 - R61 - May cause harm to the unborn child.
- Safety phrases**
 - S24 - Avoid contact with skin.
 - S37 - Wear suitable gloves.
 - S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 - S53 - Avoid exposure - obtain special instructions before use.

2.3 Other Hazards

- CLP**
 - According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD**
 - According to European Directive 1999/45/EC this material is 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
 - Carcinogenicity 1A - H350
 - Reproductive Toxicity 2 - H361
 - Specific Target Organ Toxicity Repeated Exposure 1 - H372

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- May cause an allergic skin reaction - H317
 - May cause cancer. - H350
 - Causes damage to organs - Blood, Liver through prolonged or repeated exposure via Skin - H372
 - 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
 - Do not breathe dust. - P260
 - Wash thoroughly after handling. - P264
 - Do not eat, drink or smoke when using this product. - P270
 - 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 soap and water. - P302+P352
 - If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
 - Specific treatment, see supplemental first aid information. - P321
 - 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

- Toxic - D1B
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Toxic - D1B
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

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

Section 3 - Composition/Information on Ingredients

3.1 Substances

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

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Styrene polymer with 1,3-butadiene (Kraton)	CAS:9003-55-8	10% TO 30%	NDA	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Data Lacking	NDA
Carbon Black	CAS:1333-86-4 EC Number:215-609-9	10% TO 30%	Ingestion/Oral-Rat LD50 • >15400 mg/kg Skin-Rabbit LD50 • >3 g/kg	EU DSD/DPD: Not Classified - Criteria not met EU CLP: Not Classified - Criteria not met OSHA HCS 2012: Carc. 2	NDA
Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	CAS:64742-04-7 EC Number:265-103-7	5% TO 10%	NDA	EU DSD/DPD: Self Classified: Carc. 2; R45; Muta. Cat. 2; R46; Repr. Cat. 1; R60-61; R43; N; 51/53 EU CLP: Self Classified: Carc. 1B, H350; Muta. 1B, H340; Repr. 1B, H360FD; Skin Sens. 1, H317; Aquatic Chronic 2, H411 OSHA HCS 2012: Eye Dam. 1; Skin Sens. 1; Skin Irrit. 2; Carc. 1A; STOT RE 1 (Liver, Blood - Dermal); STOT SE 3: Narc.; Repr. 2	NDA
Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	CAS:64742-52-5 EC Number:265-155-0	3% TO 7%	NDA	EU DSD/DPD: Annex I: Carc.Cat.2; R45; Xi, R36/38 EU CLP: Annex VI: Carc. 1B, H350; Skin Irrit. 2, H315; Eye Irrit. 2, H319 OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2A	NDA
Zinc oxide	CAS:1314-13-2 EC Number:215-222-5	1% TO 5%	NDA	EU DSD/DPD: Annex I: N; R50-53 EU CLP: Annex VI: Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: None	NDA
p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	CAS:793-24-8 EINECS:212-344-0	1% TO 5%	Ingestion/Oral-Rat LD50 • 3580 mg/kg Skin-Rabbit LD50 • >7940 mg/kg	EU DSD/DPD: Self Classified: T;R25; R43 EU CLP: Self Classified: Acute Tox. 3, H301; Skin Sens. 1, H317 OSHA HCS 2012: Acute Tox 3 (Oral); Skin Sens. 1; Eye Irrit. 2B	NDA
Kaolin	CAS:1332-58-7	1% TO 5%	NDA	EU DSD/DPD: Self Classified: Xi, R36/37 EU CLP: Self Classified: Eye Irrit 2, H319; STOT SE 3, H336 OSHA HCS 2012: Eye Irrit. 2; STOT SE 3: Resp. Irrit.	NDA
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	CAS:68953-84-4 EINECS:273-227-8	1% TO 5%	Ingestion/Oral-Rat LD50 • >2 g/kg	EU DSD/DPD: Self Classified: Xi R36/37/38; N, R51-53 EU CLP: Self Classified: Skin Irrit 2, H315; Eye Irrit. 2, H319; STOT SE 3: Resp. Irrit., H335; Aquatic Chronic 2, H411 OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3: Resp. Irrit.	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

Titanium dioxide	CAS:13463-67-7 EC Number:236-675-5	0.1% TO 1%	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
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: Acute Tox. 1 (Oral); Skin Sens. 1	NDA
Sulfur	CAS:7704-34-9 EC Number:231-722-6	< 0.1%	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
Quartz	CAS:14808-60-7 EC Number:238-878-4	< 0.1%	NDA	EU DSD/DPD: Self Classified: Carc. 1; R45 EU CLP: Self Classified: Carc. 1A, H350 OSHA HCS 2012: Carc. 1A	NDA
Propionic acid	CAS:79-09-4 EC Number:201-176-3	< 0.1%	Ingestion/Oral-Rat LD50 • 2600 mg/kg Skin-Rabbit LD50 • 500 µL/kg	EU CLP: Community workplace exposure limit	NDA
p-Phenylenediamine, N-phenyl-	CAS:101-54-2 EINECS:202-951-9	< 0.1%	Ingestion/Oral-Rat LD50 • 464 mg/kg Skin-Rabbit LD50 • >5 g/kg	EU DSD/DPD: Self Classified: R43; Xn R22; Repr. Cat. 2 T R60 EU CLP: Self Classified: Skin Sens. 1, H317; Acute Tox. 4 (Oral), H302; Repr 2, H361 OSHA HCS 2012: Skin Sens. 1; Acute Tox. 4 (Oral); Repr. 2	NDA
Formaldehyde	CAS:50-00-0 EC Number:200-001-8	< 0.1%	Ingestion/Oral-Rat LD50 • 100 mg/kg Inhalation-Rat LC50 • 250 ppm 2 Hour(s) Skin-Rabbit LD50 • 270 mg/kg	EU CLP: Community workplace exposure limit	NDA
Calcium silicate	CAS:1344-95-2 EINECS:215-710-8	< 0.1%	NDA	EU CLP: Community workplace exposure limit	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

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. If eye irritation persists: Get medical advice/attention.

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).

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
Formaldehyde (50-00-0)	Ceilings	0.3 ppm Ceiling	1.5 ppm Ceiling	2 ppm Ceiling; 3 mg/m ³ Ceiling	0.5 mg/m ³ Ceiling [MAC]	Not established
	STELs	Not established	1.0 ppm STEL	Not established	Not established	1 ppm STEL [VLCT]
	TWAs	Not established	Not established	Not established	Not established	0.5 ppm TWA [VME]
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)
Rosin (8050-09-7)	TWAs	Not established	exposure by all routes should be carefully controlled to levels as low as possible	0.1 mg/m ³ TWAEV (as Formaldehyde)	Not established	0.1 mg/m ³ TWA [VME] (as Formaldehyde)
Zinc oxide (1314-13-2)	STELs	10 mg/m ³ STEL (respirable fraction)	10 mg/m ³ STEL (respirable)	10 mg/m ³ STEV (fume)	5 mg/m ³ STEL	Not established
	TWAs	2 mg/m ³ TWA (respirable fraction)	2 mg/m ³ TWA (respirable)	10 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m ³ TWAEV (fume)	3 mg/m ³ TWA	5 mg/m ³ TWA [VME] (fume); 10 mg/m ³ TWA [VME] (dust)
Kaolin (1332-58-7)	TWAs	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m ³ TWA (containing no Asbestos and <1% Crystalline silica, respirable)	5 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	Not established	10 mg/m ³ TWA [VME]
Exposure Limits/Guidelines (Con't.)						
	Result	Germany DFG	Germany TRGS	Italy	NIOSH	OSHA
Formaldehyde (50-00-0)	STELs	Not established	Not established	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	Not established	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.6 ppm Peak (no irritation should occur during mixed exposure); 0.74 mg/m ³ Peak (no irritation should occur during mixed exposure)	Not established	Not established	0.1 ppm Ceiling (15 min)	Not established
	MAKs	0.3 ppm TWA MAK; 0.37 mg/m ³ TWA MAK (no irritation should occur during	Not established	Not established	Not established	Not established

Propionic acid (79-09-4)	STELs	Not established	Not established	20 ppm STEL; 62 mg/m ³ STEL	15 ppm STEL; 45 mg/m ³ STEL	Not established
	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/m ³ TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	10 ppm TWA; 31 mg/m ³ TWA	10 ppm TWA; 30 mg/m ³ TWA	Not established
	Ceilings	20 ppm Peak; 62 mg/m ³ Peak	Not established	Not established	Not established	Not established
	MAKs	10 ppm TWA MAK; 31 mg/m ³ TWA MAK	Not established	Not established	Not established	Not established
Zinc oxide (1314-13-2)	TWAs	Not established	Not established	Not established	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	1 mg/m ³ Peak (respirable fraction, fume)	Not established	Not established	15 mg/m ³ Ceiling (dust)	Not established
	STELs	Not established	Not established	Not established	10 mg/m ³ STEL (fume)	Not established
	MAKs	1 mg/m ³ TWA MAK (fume, respirable fraction)	Not established	Not established	Not established	Not established
Kaolin (1332-58-7)	TWAs	Not established	Not established	Not established	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)

Exposure Control Notations

Italy

•Mineral oil, petroleum extracts, heavy paraffinic distillate solvent (64742-04-7): **Carcinogens:** (Category 2 Carcinogen) | **Carcinogens:** (Category 3 Carcinogen) | **Carcinogens:** (Category 2 Carcinogen)

France

•Formaldehyde (50-00-0): **Carcinogens:** (Carcinogen category 3)

Germany TRGS

•p-Phenylenediamine, N-phenyl- (101-54-2): **Sensitizers:** (Skin sensitizer (May cause sensitization by skin contact; May cause an allergic skin reaction, listed under Substances or substance groups with sufficient scientific evidence showing sensitizing effects))

Germany DFG

•Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man)) | **Carcinogens:** (Category 3A (could be carcinogenic for man)) | **Carcinogens:** (Category 4 (no significant contribution to human cancer)) | **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 3B (could be carcinogenic for man)) | **Carcinogens:** (Category 1 (causes cancer in man, alveola fraction)) |

Pregnancy: (no risk to embryo/fetus if exposure limits adhered to) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) |

Pregnancy: (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer) | **Sensitizers:** (skin sensitizer) | **Sensitizers:** (skin sensitizer) | **Sensitizers:** (skin sensitizer) | **Skin:** (skin notation)

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

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

NIOSH = National Institute of Occupational Safety and Health

TWAEV = Time-Weighted Average Exposure Value

OSHA = Occupational Safety and Health Administration

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

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

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	Rubber
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	1.1 to 1.16 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

- No data available

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information**11.1 Information on toxicological effects**

Component Name	CAS	Data
Fatty acids, tall oil (0.5% TO 1.5%)	61790-12-3	Acute Toxicity: orl-rat LD50:>10000 mg/kg
Rosin (0.1% TO 1%)	8050-09-7	Acute Toxicity: orl-rat LD50:3.0 mg/kg; ihl-rat LC50:110 mg/m3
Kaolin (1% TO 5%)	1332-58-7	Multi-dose Toxicity: ihl-rat TCLo:30 mg/m3/96W-I; Reproductive: orl-rat TDLo:370 gm/kg (37D pre/1-22D preg)
Zinc oxide (1% TO 5%)	1314-13-2	Irritation: eye-rbt 500 mg/24H MLD; skn-rbt 500 mg/24H MLD; Reproductive: orl-rat TDLo:6846 mg/kg (1-22D preg)
Propionic acid (< 0.1%)	79-09-4	Acute Toxicity: orl-rat LD50:2600 mg/kg; skn-rbt LD50:500 uL/kg; Irritation: eye-rbt 990 ug SEV; skn-rbt 495 mg open SEV
Formaldehyde (< 0.1%)	50-00-0	Acute Toxicity: orl-rat LD50:100 mg/kg; ihl-rat LC50:250 ppm/4H; skn-rbt LD50:270 mg/kg; Irritation: eye-rbt 750 ug SEV; skn-rbt 2 mg/24H SEV
p-Phenylenediamine, N-phenyl- (< 0.1%)	101-54-2	Acute Toxicity: orl-rat LD50:464 mg/kg; skn-rbt LD50:>5 gm/kg; Irritation: eye-rbt 100 mg/24H MOD; Reproductive: orl-rat TDLo:1000 mg/kg (6-15D preg)
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs. (1% TO 5%)	68953-84-4	Acute Toxicity: orl-rat LD50:>2 gm/kg
Quartz (< 0.1%)	14808-60-7	Tumorigen/Carcinogen: ihl-rat TCLo:50 mg/m3/6H/71W-I
Titanium dioxide (0.1% TO 1%)	13463-67-7	Tumorigen/Carcinogen: ihl-rat TCLo:250 mg/m3/6H/2Y-I
Carbon Black (10% TO 30%)	1333-86-4	Acute Toxicity: orl-rat LD50:>15400 mg/kg; skn-rbt LD50:>3 gm/kg; Tumorigen/Carcinogen: ihl-rat TCLo:11600 ug/m3/18H/2Y-I
Sulfur (< 0.1%)	7704-34-9	Irritation: eye-hmn 8 ppm
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 • Carcinogenicity 1B OSHA HCS 2012 • Carcinogenicity 1A
Germ Cell Mutagenicity	EU/CLP • Germ Cell Mutagenicity 1B OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Toxic to Reproduction 1B 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)

- Long term exposure to hot processing fumes may effect the blood and/or kidneys.

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.

Mutagenic Effects

- Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause genetic defects.

Carcinogenic Effects

- Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause cancer.

Carcinogenic Effects				
	CAS	OSHA	IARC	NTP
Formaldehyde	50-00-0	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Quartz	14808-60-7	Not Listed	Group 1-Carcinogenic	Known Human Carcinogen
Titanium dioxide	13463-67-7	Not Listed	Group 2B-Possible Carcinogen	Not Listed

Carbon Black	1333-86-4	Not Listed	Group 2B-Possible Carcinogen	Not Listed
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Reproductive Effects

- Hot processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause 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

- Not relevant.

Code

Section 15 - Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications • Acute, Chronic

State Right To Know				
Component	CAS	MA	NJ	PA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	No	No	No
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	No	No	No
Fatty acids, tall oil	61790-12-3	No	No	No
Rosin	8050-09-7	No	No	No
Kaolin	1332-58-7	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Formaldehyde	50-00-0	Yes	Yes	Yes
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	No	No	No
Oleic acid	112-80-1	No	No	Yes
9,12-Octadecadienoic acid, (Z)-	60-33-3	No	No	No
p-Phenylenediamine, N-phenyl-	101-54-2	No	No	No
Emulsion polybutadiene	9003-17-2	No	No	No
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	No	No	No
Quartz	14808-60-7	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Water	7732-18-5	No	No	No
p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	No	No	No
Benzanilide, 2',2''-dithiobis-	135-57-9	No	No	No
Calcium silicate	1344-95-2	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Mineral oil, petroleum distillates,				

hydrotreated (severe) heavy naphthenic	64742-52-5	No	No	No
Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Yes	No	No
Sulfur homopolymer	9035-99-8	No	No	No
Sulfur	7704-34-9	Yes	Yes	Yes
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	No	No	No
Phthalimide, N-(cyclohexylthio)-	17796-82-6	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
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	No	Yes	No	No
Fatty acids, tall oil	61790-12-3	Yes	No	Yes	Yes	No
Rosin	8050-09-7	Yes	No	Yes	Yes	No
Kaolin	1332-58-7	Yes	No	Yes	Yes	No
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	No
Propionic acid	79-09-4	Yes	No	Yes	Yes	No
Formaldehyde	50-00-0	Yes	No	Yes	Yes	No
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Yes	No	Yes	No	No
Oleic acid	112-80-1	Yes	No	Yes	Yes	No
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes	No	Yes	Yes	No
p-Phenylenediamine, N-phenyl-	101-54-2	Yes	No	Yes	Yes	No
Emulsion polybutadiene	9003-17-2	Yes	No	Yes	No	No
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	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
p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-	793-24-8	Yes	No	Yes	Yes	No

phenyl-						
Benzanilide, 2',2'''-dithiobis-	135-57-9	Yes	No	Yes	Yes	No
Calcium silicate	1344-95-2	Yes	No	Yes	Yes	No
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Yes	No	Yes	Yes	No
Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Yes	No	Yes	Yes	No
Sulfur homopolymer	9035-99-8	Yes	No	Yes	No	No
Sulfur	7704-34-9	Yes	No	Yes	Yes	No
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Yes	No	Yes	Yes	No
Phthalimide, N-(cyclohexylthio)-	17796-82-6	Yes	No	Yes	Yes	No

Inventory (Con't.)

Component	CAS	Japan ENCS	Korea KECL	TSCA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	Yes	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	Yes	Yes
Fatty acids, tall oil	61790-12-3	Yes	Yes	Yes
Rosin	8050-09-7	Yes	Yes	Yes
Kaolin	1332-58-7	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Formaldehyde	50-00-0	Yes	Yes	Yes
Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Yes	Yes	Yes
Oleic acid	112-80-1	Yes	Yes	Yes
9,12-Octadecadienoic acid, (Z)-	60-33-3	Yes	Yes	Yes
p-Phenylenediamine, N-phenyl-	101-54-2	Yes	Yes	Yes
Emulsion polybutadiene	9003-17-2	Yes	Yes	Yes
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Yes	Yes	Yes

Quartz	14808-60-7	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Water	7732-18-5	No	Yes	Yes
p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Yes	Yes	Yes
Benzanilide, 2',2'''-dithiobis-	135-57-9	Yes	Yes	Yes
Calcium silicate	1344-95-2	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Yes	Yes	Yes
Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	No	Yes	Yes
Sulfur homopolymer	9035-99-8	No	Yes	Yes
Sulfur	7704-34-9	No	Yes	Yes
2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Yes	Yes	Yes
Phthalimide, N-(cyclohexylthio)-	17796-82-6	Yes	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Uncontrolled product according to WHMIS classification criteria
• Calcium silicate	1344-95-2	Uncontrolled product according to WHMIS classification criteria
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Uncontrolled product according to WHMIS classification criteria
• 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
• Formaldehyde	50-00-0	A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol)
• 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
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	B4
• Fatty acids, tall oil	61790-12-3	Uncontrolled product according to WHMIS classification criteria
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	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.)
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	1 %
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	0.1 %
• Carbon Black	1333-86-4	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	1 %
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	0.1 %
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	1 %
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed

• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Priority Substance List 2 (substance considered toxic)
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Carc.Cat.2; R45
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	C; R34
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	R43
• Formaldehyde	50-00-0	T; R23/24/25 C; R34 Carc.Cat.3; R40 R43
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N; R50-53
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Xi; R38
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed

• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Carc.Cat.2; R45
• 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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	0.2%<=C: R:43 25%<=C: T; R:23/24/25 5%<=C<25%: Xn; R:20/21/22 25%<=C: C; R:34 5%<=C<25%: Xi; R:36/37/38
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	T R:45 S:53-45
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed

• Propionic acid	79-09-4	C R:34 S:(1/2)-23-36-45
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	Xi R:43 S:(2)-24-37
• Formaldehyde	50-00-0	T R:23/24/25-34-40-43 S:(1/2)-26-36/37/39-45-51
• 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
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Xi R:38 S:(2)-46
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	T R:45 S:53-45
• 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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	B, D
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	L
• 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
• Calcium silicate	1344-95-2	Not Listed

• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	S:53-45
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	S:(1/2)-23-36-45
• Oleic acid	112-80-1	Not Listed
• Rosin	8050-09-7	S:(2)-24-37
• Formaldehyde	50-00-0	S:(1/2)-26-36/37/39-45-51
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	S:60-61
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	S:(2)-46
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	S:53-45
• 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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	1000 lb TQ
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed

• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	2 ppm STEL (See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1048); 0.75 ppm TWA (See 29 CFR 1910.1048)
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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

• Formaldehyde	50-00-0	
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	100 lb final RQ; 45.4 kg final RQ
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed

• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	100 lb EPCRA RQ
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	500 lb TPQ
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	0.1 % de minimis concentration
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		1.0 % de minimis concentration (Chemical Category N982)
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed

• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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

• Formaldehyde	50-00-0	Included in waste streams: K009, K010, K038, K040, K156, K157
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	waste number U122
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Not Listed
• Sulfur homopolymer	9035-99-8	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	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed

• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	waste number U122
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	carcinogen, initial date 1/1/88 (gas)
• 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
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)

• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed

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

• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed

• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	Not Listed
• Sulfur homopolymer	9035-99-8	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• 9,12-Octadecadienoic acid, (Z)-	60-33-3	Not Listed
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	40 µg/day NSRL (gas)
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	(fume)
• Zinc oxide as Zinc compounds		
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed
• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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
• Calcium silicate	1344-95-2	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent	64742-04-7	Not Listed
• Mineral oil, petroleum extracts, heavy paraffinic distillate solvent as Polyaromatic hydrocarbon		Not Listed
• Quinoline, 1,2-dihydro-2,2,4-trimethyl-, homopolymer	26780-96-1	Not Listed
• Emulsion polybutadiene	9003-17-2	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	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
• Formaldehyde	50-00-0	
• Carbon Black	1333-86-4	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Sulfur	7704-34-9	Not Listed
• Fatty acids, tall oil	61790-12-3	Not Listed
• p-Phenylenediamine, N-phenyl-	101-54-2	Not Listed
• 2-Benzothiazolesulfenamide, N-tert-butyl-	95-31-8	Not Listed
• Quartz	14808-60-7	Not Listed

• p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Not Listed
• 1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Phthalimide, N-(cyclohexylthio)-	17796-82-6	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) heavy naphthenic	64742-52-5	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)

- H301 - Toxic if swallowed
- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer.
- H361 - Suspected of damaging fertility or the unborn child.
- 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.
- R25 - Toxic if swallowed.
- R36/37 - Irritating to eyes and respiratory system.
- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R36/38 - Irritating to eyes and skin.
- R40 - Limited evidence of a carcinogenic effect.
- R50 - Very toxic to aquatic organisms.
- R51 - Toxic to aquatic organisms.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R53 - May cause long-term adverse effects in the aquatic environment.

Last Revision Date

- 9/October/2013

Preparation Date

- 9/October/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