

Safety Data Sheet



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

1.1 Product identifier

Product Name • Chem Rubber-Fix Tan Putty
Product Code • 16-130

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

Relevant identified use(s) • Chemical cure spot repairs to tires and other industrial products.

1.3 Details of the supplier of the safety data sheet

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

Telephone (General) • (252)-536-2574

Responsible Party - EU • Christian Gimenez
Intertek Analytical Services France
France

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

1.4 Emergency telephone number

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

Section 2: Hazards Identification

EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Flammable Solids 1 - H228
Carcinogenicity 1B - H350
Skin Irritation 2 - H315
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Hazardous to the aquatic environment Acute 1 - H400
Hazardous to the aquatic environment Chronic 1 - H410

DSD/DPD • Highly Flammable (F)

Irritant (Xi)
 Carcinogenic Substances - Category 2
 Dangerous to the Environment (N)
 R11, R38, R45, R65, R67, R50, R53

2.2 Label Elements

CLP

DANGER



- Hazard statements**
- H228 - Flammable solid
 - H315 - Causes skin irritation
 - H336 - May cause drowsiness or dizziness
 - H350 - May cause cancer.
 - H400 - Very toxic to aquatic life
 - H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

- Prevention**
- P102 - Keep out of reach of children.
 - P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P233 - Keep container tightly closed.
 - P240 - Ground and/or bond container and receiving equipment.
 - P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
 - P242 - Use only non-sparking tools.
 - P243 - Take precautionary measures against static discharge.
 - P264 - Wash thoroughly after handling.
 - P271 - Use only outdoors or in a well-ventilated area.
 - P273 - Avoid release to the environment.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P281 - Use personal protective equipment as required.
- Response**
- P391 - Collect spillage.
 - P370+P378 - In case of fire: Use appropriate media for extinction.
 - P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P321 - Specific treatment, see supplemental first aid information.
 - P362 - Take off contaminated clothing and wash before reuse.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
 - P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P331 - Do NOT induce vomiting.
- Storage/Disposal**
- P235 - Keep cool.
 - P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 - 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**
- R11 - Highly flammable.
 - R38 - Irritating to skin.
 - R67 - Vapours may cause drowsiness and dizziness.
 - R45 - May cause cancer.

- Safety phrases**
- R50 - Very toxic to aquatic organisms.
 - R53 - May cause long-term adverse effects in the aquatic environment.
 - S2 - Keep out of reach of children.
 - S9 - Keep container in a well ventilated place
 - S16 - Keep away from sources of ignition - No Smoking.
 - S29 - Do not empty into drains.
 - S33 - Take precautionary measures against static discharges.
 - S53 - Avoid exposure - obtain special instructions before use.
 - S60 - This material and its container must be disposed of as hazardous waste.
 - S62 - If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.
 - S57 - Use appropriate containment to avoid environmental contamination.
 - S61 - Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

2.3 Other Hazards

CLP

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

DSD/DPD

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

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Flammable Solids 1 - H228
- Skin Irritation 2 - H315
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
- Carcinogenicity 1B - H350

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- Flammable solid - H228
 - Causes skin irritation - H315
 - May cause drowsiness or dizziness - H336
 - May cause cancer. - H350

Precautionary statements

- Prevention**
- Keep out of reach of children. - P102
 - Obtain special instructions before use. - P201
 - Do not handle until all safety precautions have been read and understood. - P202
 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
 - Keep container tightly closed. - P233
 - Ground and/or bond container and receiving equipment. - P240
 - Use explosion-proof electrical/ventilating/lighting/equipment. - P241
 - Use only non-sparking tools. - P242
 - Take precautionary measures against static discharge. - P243
 - Avoid breathing mist/vapours/spray. - P261
 - Wash thoroughly after handling. - P264
 - Use only outdoors or in a well-ventilated area. - P271
 - Wear protective gloves/protective clothing/eye protection/face protection. - P280
 - Use personal protective equipment as required. - P281
- Response**
- In case of fire: Use appropriate media for extinction. - P370+P378
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
 - Call a POISON CENTER or doctor/physician if you feel unwell. - P312

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353

If skin irritation occurs: Get medical advice/attention. - P332+P313

Specific treatment, see supplemental first aid information. - P321

Take off contaminated clothing and wash before reuse. - P362

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. - P301+P310

Do NOT induce vomiting. - P331

IF exposed or concerned: Get medical advice/attention. - P308+P313

- Storage/Disposal**
- Keep cool. - P235
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501
 - Store in a well-ventilated place. Keep container tightly closed. - P403+P233
 - Store locked up. - P405

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

- Flammable Solids - B4
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Flammable Solids - B4
- 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).

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
				EU DSD/DPD: Annex I - F; R11 Xi; R38 N;	

Naphtha (petroleum), hydrotreated light	CAS:64742-49-0 EC Number:265-151-9	50%	NDA	R50 R53 Xn; R65 R67 EU CLP: Annex VI - Flam. Liq. 2, H225; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H335; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Flam. Liq. 2; Skin Irrit. 2; Asp. Tox. 1; STOT SE 3: Narc.	NDA
Zinc oxide	CAS:1314-13-2 EC Number:215-222-5	3% TO 7%	Ingestion/Oral-Mouse LD50 • 7950 mg/kg	EU DSD/DPD: Annex I - N; R50 R53 EU CLP: Annex VI - Aquatic Acute 1, H400; Aquatic Chronic 1, H410 OSHA HCS 2012: Eye Mild Irrit. 2B	NDA
Kaolin	CAS:1332-58-7	5% TO 10%	NDA	WHMIS: Other Toxic Effects - D2A EU DSD/DPD: None EU CLP: None OSHA HCS 2012: None	NDA
Stearic acid	CAS:57-11-4 EC Number:200-313-4	0.94%	Skin-Rabbit LD50 • >5 g/kg Ingestion/Oral-Rat LD50 • 4600 mg/kg	EU DSD/DPD: Self Classified - Xi R38 EU CLP: Self Classified - Skin Irrit. 2, H315 OSHA HCS 2012: Skin Irrit. 2	NDA
1,3-Butadiene, 2-methyl-, oligomer	CAS:9003-31-0	31.24%	NDA	EU DSD/DPD: Data lacking EU CLP: Data lacking OSHA HCS 2012: Data lacking	NDA
Benzanilide, 2',2''-dithiobis-	CAS:135-57-9 EINECS:205-201-9	0.0105% TO 0.0135%	Ingestion/Oral-Rat LD50 • >4 g/kg	EU DSD/DPD: Self Classified - R43 EU CLP: Self Classified - Skin Sens. 1, H315 OSHA HCS 2012: Eye Irrit. 2B; Skin Sens. 1	NDA
Propionic acid	CAS:79-09-4 EC Number:201-176-3 UN:UN1848	0.0047% TO 0.0235%	Ingestion/Oral-Rat LD50 • 2600 mg/kg Skin-Rabbit LD50 • 500 µL/kg	EU DSD/DPD: Annex I - C: R34 EU CLP: Annex VI - Skin Corr. 1B; H314 OSHA HCS 2012: Eye Dam. 1, Skin Corr. 1B	NDA
Titanium dioxide	CAS:13463-67-7 EC Number:236-675-5	0.5% TO 1.5%	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
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	CAS:64742-52-5 EC Number:265-155-0	0.1% TO 1%	NDA	EU DSD/DPD: Annex I - Carc.Cat.2; R45 EU CLP: Annex VI - Carc. 1B; H350 OSHA HCS 2012: Skin Irrit 2; Carc. 1B	NDA
Calcium oxide	CAS:1305-78-8 EC Number:215-138-9 UN:UN1910	0.1% TO 1%	NDA	EU DSD/DPD: Self Classified - C R34 EU CLP: Self Classified - Skin Corr. 1; Eye Dam. 1 OSHA HCS 2012: Skin Corr. 1; Eye Dam. 1	NDA
Limestone	CAS:1317-65-3 EC Number:215-279-6	> 2.475%	NDA	EU DSD/DPD: Annex I - Xn R48 EU CLP: Self Classified - STOT RE 1 (Lungs), H372 OSHA HCS 2012: STOT RE 1 (Lungs)	NDA
Quartz	CAS:14808-60-7 EC Number:238-878-4	0.0113% TO 0.0678%	NDA	EU DSD/DPD: Self classified - Carc 1; R45 EU CLP: Self Classified - Carc. 1A, H350 OSHA HCS 2012: Carc. 1A	NDA

Zinc dibutyl dithiocarbonate dibutylamine complex	CAS:35884-05-0 EINECS:252-774-6	2%	NDA	EU DSD/DPD: Self Classified - Xn, R22 EU CLP: Self Classified - Acute tox 4 (Oral) OSHA HCS 2012: Acute tox 4 (Oral)	NDA
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See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

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

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- 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.

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • SMALL FIRES: Dry chemical, CO₂, sand, earth, water spray or regular foam.
LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing Media

- Avoid the use of streaming water, as this may spread the fire.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Extremely flammable liquid and vapor. Vapors may form explosive mixtures with air. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may travel to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous Combustion Products

- May form: carbon dioxide, carbon monoxide and various hydrocarbons.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire.

Runoff from fire control may cause pollution.
LARGE FIRES: Dike fire-control water for later disposal.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

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

Emergency Procedures

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

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Shovel or scrape up material and place into an appropriate container for later disposal. Wash spill area with soap and water. All equipment used when handling the product must be grounded. Use clean non-sparking tools to collect absorbed material.

6.4 Reference to other sections

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

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Keep away from heat and ignition sources – No Smoking. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage

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

Incompatible Materials or Ignition Sources

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

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	Europe	OSHA
3-Methylhexane (589-34-4)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established

Hexane, 2-methyl- (591-76-4)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Pentane, 2,3-dimethyl- (565-59-3)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Methylcyclohexane (108-87-2)	TWAs	400 ppm TWA	400 ppm TWA	400 ppm TWAEV; 1610 mg/m3 TWAEV	Not established	500 ppm TWA; 2000 mg/m3 TWA
Ethylbenzene (100-41-4)	STELs	Not established	125 ppm STEL	125 ppm STEV; 543 mg/m3 STEV	Not established	Not established
	TWAs	20 ppm TWA	100 ppm TWA	100 ppm TWAEV; 434 mg/m3 TWAEV	Not established	100 ppm TWA; 435 mg/m3 TWA
Benzene (71-43-2)	STELs	2.5 ppm STEL	2.5 ppm STEL (applies to workplaces to which the designated substance regulation does not apply); 2.5 ppm STEL (designated substances regulation)	5 ppm STEV; 15.5 mg/m3 STEV	Not established	5 ppm STEL (see 29 CFR 1910.1028)
	TWAs	0.5 ppm TWA	0.5 ppm TWA (applies to workplaces to which the designated substance regulation does not apply); 0.5 ppm TWA (designated substance regulation)	1 ppm TWAEV; 3 mg/m3 TWAEV	Not established	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA
	Ceilings	Not established	Not established	Not established	Not established	25 ppm Ceiling
Propionic acid (79-09-4)	TWAs	10 ppm TWA	10 ppm TWA	10 ppm TWAEV; 30 mg/m3 TWAEV	Not established	Not established
Quartz (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable fraction)	0.10 mg/m3 TWA (designated substance regulation, respirable)	0.1 mg/m3 TWAEV (respirable dust)	Not established	Not established
Toluene (108-88-3)	STELs	Not established	Not established	Not established	100 ppm STEL; 384 mg/m3 STEL	Not established
	TWAs	20 ppm TWA	20 ppm TWA	50 ppm TWAEV; 188 mg/m3 TWAEV	50 ppm TWA; 192 mg/m3 TWA	200 ppm TWA
	Ceilings	Not established	Not established	Not established	Not established	300 ppm Ceiling
Calcium oxide (1305-78-8)	TWAs	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWAEV	Not established	5 mg/m3 TWA
				10 mg/m3 TWAEV		

Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA (total dust)	(containing no Asbestos and <1% Crystalline silica, total dust)	Not established	15 mg/m3 TWA (total dust)
Limestone (1317-65-3)	TWAs	Not established	Not established	10 mg/m3 TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust)	Not established	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (respirable)	10 mg/m3 STEV (fume)	Not established	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)	Not established	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
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	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Heptane (142-82-5)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEV; 2050 mg/m3 STEV	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA	400 ppm TWAEV; 1640 mg/m3 TWAEV	Not established	500 ppm TWA; 2000 mg/m3 TWA

Exposure Control Notations

Canada Ontario

- Benzene (71-43-2): **Designated Substances:** (0.5 ppm TWA; 2.5 ppm STEL)
- Quartz (14808-60-7): **Designated Substances:** (0.10 mg/m3 TWA (respirable fraction))

Canada Quebec

- Benzene (71-43-2): **Carcinogens:** (C1 carcinogen - effect detected in humans)
- Quartz (14808-60-7): **Carcinogens:** (C2 carcinogen - effect suspected in humans)

ACGIH

- Kaolin (1332-58-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- Toluene (108-88-3): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- Benzene (71-43-2): **Carcinogens:** (A1 - Confirmed Human Carcinogen)
- Ethylbenzene (100-41-4): **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans)
- Titanium dioxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- Quartz (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

Germany DFG

- Methylcyclohexane (108-87-2): **Pregnancy:** (classification not yet possible)
- Toluene (108-88-3): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)
- Ethylbenzene (100-41-4): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)
- Propionic acid (79-09-4): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)
- Heptane (142-82-5): **Pregnancy:** (classification not yet possible)

8.2 Exposure controls

Engineering Measures/Controls

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

Personal Protective Equipment**Respiratory**

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

Eye/Face

- Wear safety goggles.

Hands

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

Skin/Body

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

General Industrial Hygiene Considerations

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

Environmental Exposure Controls

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

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEV = Short Term Exposure Value

OSHA = Occupational Safety and Health Administration

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

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

TWAEV = Time-Weighted Average Exposure Value

Section 9 - Physical and Chemical Properties**9.1 Information on Physical and Chemical Properties**

Material Description			
Physical Form	Solid	Appearance/Description	Tan putty with a hydrocarbon odor.
Color	Tan	Odor	Hydrocarbon
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	0.9 Water=1	Density	7.46 lbs/gal
Water Solubility	Negligible	Viscosity	Putty Like consistency
Explosive Properties	Classification criteria not met.	Oxidizing Properties:	Classification criteria not met.
Volatility			
Vapor Pressure	45 mmHg (torr) @ 20 C(68 F)	Vapor Density	3.5 Air=1
Evaporation Rate	4.2 n-Butyl Acetate = 1	VOC (Vol.)	500 g/L
Flammability			
Flash Point	15 F(-9.4444 C)	UEL	6.7 %
LEL	1 %	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity**10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Keep away from heat, sparks and flame.

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

- No data available.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Zinc oxide (3% TO 7%)	1314-13-2	Irritation: Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Reproductive: Ingestion/Oral-Rat TDLo • 6846 mg/kg (1-22D preg); <i>Reproductive Effects:Specific Developmental Abnormalities:Homeostasis; Reproductive Effects:Effects on Newborn:Stillbirth; Reproductive Effects:Effects on Newborn:Growth statistics (e.g., reduced weight gain)</i>
Kaolin (5% TO 10%)	1332-58-7	Multi-dose Toxicity: Ingestion/Oral-Rat TDLo • 370 g/kg 37 Day(s)-Intermittent; Blood:Normocytic anemia; Blood:Other changes; Blood:Changes in erythrocyte (RBC) count
Stearic acid (0.94%)	57-11-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • 4600 mg/kg; Skin-Rabbit LD50 • >5 g/kg; Irritation: Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation
Benzanilide, 2',2''-dithiobis- (0.0105% TO 0.0135%)	135-57-9	Acute Toxicity: Ingestion/Oral-Rat LD50 • >4 g/kg; Irritation: Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation
Propionic acid (0.0047% TO 0.0235%)	79-09-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2600 mg/kg; Skin-Rabbit LD50 • 500 µL/kg; Irritation: Eye-Rabbit • 990 µg • Severe irritation; Skin-Rabbit • 495 mg-Open • Severe irritation
Titanium dioxide (0.5% TO 1.5%)	13463-67-7	Irritation: Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; Tumorigen / Carcinogen: Inhalation-Rat TCLo • 250 mg/m ³ 6 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration:Tumors</i>
Quartz (0.0113% TO 0.0678%)	14808-60-7	Tumorigen / Carcinogen: Inhalation-Rat TCLo • 50 mg/m ³ 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Liver:Tumors</i>

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 1B
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

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

Chronic (Delayed)

- No data available.

Skin

Acute (Immediate)

- Causes skin irritation.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

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

Chronic (Delayed)

- No data available.

Ingestion

Acute (Immediate)

- May cause irritation.

Chronic (Delayed)

- No data available.

Carcinogenic Effects

- Repeated and prolonged exposure may cause cancer.

Carcinogenic Effects			
	CAS	IARC	NTP
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Evidence of Carcinogenicity

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

- May cause long lasting harmful effects to aquatic life.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

12.7 Other Information

- No data is available on the adverse effects of this material on the environment. Heptane may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

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	ORM-D	NDA	NDA	NDA
	UN1325	Flammable solids, organic, n.o.s.	4.1	II	NDA
TDG	UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	II	Potential Marine Pollutant
IMO/IMDG	UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	II	NDA
IATA/ICAO	UN1325	Flammable solid, organic, n.o.s.	4.1	II	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.

14.8 Other information

- DOT** • The DOT ORM-D shipping name will no longer be relevant after the end of 2013. Please use UN1325 after 2013 for shipping purposes.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute, Chronic, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	No	No	No
3-Ethylpentane	617-78-7	No	No	No
3-Methylhexane	589-34-4	Yes	Yes	Yes
Benzanilide, 2',2'''-dithiobis-	135-57-9	No	No	No
Benzene	71-43-2	Yes	Yes	Yes
Calcium oxide	1305-78-8	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Yes	Yes
Heptane	142-82-5	Yes	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	No	No	No
Kaolin	1332-58-7	Yes	Yes	Yes
Limestone	1317-65-3	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	No	No	No
Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	Yes	Yes
Quartz	14808-60-7	Yes	Yes	Yes
Stearic acid	57-11-4	No	No	No
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes
Water	7732-18-5	No	No	No
Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	No	No	No
Zinc oxide	1314-13-2	Yes	Yes	Yes

Inventory					
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	TSCA
1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Yes	No	No	Yes
3-Ethylpentane	617-78-7	No	No	Yes	No
3-Methylhexane	589-34-4	No	Yes	Yes	Yes
Benzanilide, 2',2'''-dithiobis-	135-57-9	Yes	No	Yes	Yes
Benzene	71-43-2	Yes	No	Yes	Yes
Calcium oxide	1305-78-8	Yes	No	Yes	Yes
Ethylbenzene	100-41-4	Yes	No	Yes	Yes
Heptane	142-82-5	Yes	No	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes	Yes
Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Yes	No	Yes	Yes
Kaolin	1332-58-7	Yes	No	Yes	Yes
Limestone	1317-65-3	No	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	No	Yes	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Yes	No	Yes	Yes
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	No	Yes	Yes
Pentane, 2,3-dimethyl-	565-59-3	No	Yes	Yes	Yes
Propionic acid	79-09-4	Yes	No	Yes	Yes
Quartz	14808-60-7	Yes	No	Yes	Yes
Stearic acid	57-11-4	Yes	No	Yes	Yes
Titanium dioxide	13463-67-7	Yes	No	Yes	Yes
Toluene	108-88-3	Yes	No	Yes	Yes
Water	7732-18-5	Yes	No	Yes	Yes
Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	No	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	No	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

Uncontrolled product

• Stearic acid	57-11-4	according to WHMIS classification criteria
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	B2
• 3-Methylhexane	589-34-4	B2
• Hexane, 2-methyl-	591-76-4	B2
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	E
• Ethylbenzene	100-41-4	B2, D2A, D2B
• Heptane	142-82-5	B2, D2B
• 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.)
• Toluene	108-88-3	B2, D2A, D2B
• Zinc oxide	1314-13-2	Uncontrolled product according to WHMIS classification criteria
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	B2, D2A, D2B
• Limestone	1317-65-3	D2A
• 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.)
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	B2
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Uncontrolled product according to WHMIS classification criteria
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
Canada - WHMIS - Ingredient Disclosure List		
• Stearic acid	57-11-4	1 %
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	1 %
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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 %
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	1 %
• Ethylbenzene	100-41-4	0.1 %
• Heptane	142-82-5	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	1 %
• Zinc oxide	1314-13-2	1 %
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	0.1 %
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	1 %
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Priority Substance List 1 (substance not considered toxic)
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	Priority Substance List 1 (substance considered toxic)
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed

• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
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Europe

Other

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65
• Methylcyclohexane	108-87-2	F; R11 Xi; R38 N; R51-53 Xn; R65 R67
• 3-Methylhexane	589-34-4	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Hexane, 2-methyl-	591-76-4	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Carc.Cat.2; R45
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	F; R11 Xn; R20
• Heptane	142-82-5	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	F; R11 Xi; R38 Xn; R48/20-65 Repr.Cat.3; R63 R67
• Zinc oxide	1314-13-2	N; R50-53
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	F; R11 Xi; R36/38 Carc.Cat.1; R45 Muta.Cat.2; R46 T; R48/23/24/25 Xn; R65
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• 3-Ethylpentane	617-78-7	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Carc.Cat.2; R45

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	Not Listed
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States

Labor

U.S. - OSHA - Specifically Regulated Chemicals

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed

• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
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Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed

• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	(including Benzene from gasoline)
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	1000 lb final RQ; 454 kg final RQ
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed

• Toluene	108-88-3	1000 lb final RQ; 454 kg final RQ
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	Not Listed
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - CERCLA/SARA - Section 313 - Emission Reporting		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed

• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	0.1 % de minimis concentration
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	1.0 % de minimis concentration
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		1.0 % de minimis concentration (Chemical Category N982)
• Benzene	71-43-2	0.1 % de minimis concentration
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Included in waste stream: F039
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
		Included in waste streams:

• Benzene	71-43-2	F005, F024, F025, F037, F038, F039, K085, K104, K105, K141, K142, K143, K144, K145, K147, K151, K159, K169, K171, K172
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States - California

Environment

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	carcinogen, initial date 6/11/04
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	carcinogen, initial date 2/27/87
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)
• Benzanilide, 2',2''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed

• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	developmental toxicity, initial date 1/1/91
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	developmental toxicity, initial date 12/26/97
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	female reproductive toxicity, initial date 8/7/09
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	Not Listed
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed

• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	male reproductive toxicity, initial date 12/26/97
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States - Pennsylvania

Labor

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

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed
• Kaolin	1332-58-7	Not Listed
• Propionic acid	79-09-4	
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed

• Toluene	108-88-3	
• Zinc oxide	1314-13-2	(fume)
• Zinc oxide as Zinc compounds		
• Benzene	71-43-2	
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Not Listed
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	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
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Heptane	142-82-5	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	
• Limestone	1317-65-3	Not Listed
• Quartz	14808-60-7	Not Listed
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• Stearic acid	57-11-4	Not Listed
• Naphtha (petroleum), hydrotreated light	64742-49-0	Not Listed
• Methylcyclohexane	108-87-2	Toxic
• 3-Methylhexane	589-34-4	Not Listed
• Hexane, 2-methyl-	591-76-4	Not Listed
• Zinc dibutyl dithiocarbonate dibutylamine complex	35884-05-0	Not Listed
• 1,3-Butadiene, 2-methyl-, oligomer	9003-31-0	Not Listed

• Kaolin	1332-58-7	Toxic
• Propionic acid	79-09-4	Toxic; Flammable
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined)	64742-52-5	Not Listed
• Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs)		Not Listed
• Calcium oxide	1305-78-8	Toxic; Flammable
• Ethylbenzene	100-41-4	Toxic; Flammable
• Heptane	142-82-5	Toxic; Flammable
• Titanium dioxide	13463-67-7	Toxic
• Toluene	108-88-3	Toxic (skin); Flammable (skin)
• Zinc oxide	1314-13-2	Toxic
• Zinc oxide as Zinc compounds		Not Listed
• Benzene	71-43-2	Toxic (skin); Flammable (skin); Carcinogen (skin)
• Limestone	1317-65-3	Toxic
• Quartz	14808-60-7	Toxic (dust and fiber)
• Benzanilide, 2',2'''-dithiobis-	135-57-9	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	Not Listed
• 3-Ethylpentane	617-78-7	Not Listed
• Water	7732-18-5	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date

- 06/November/2014

Preparation Date

- 11/March/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.