

## Safety Data Sheet



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

#### 1.1 Product identifier

- Product Name** • **Repair String Lead Free**  
**Product Code** • 15-058 LF; 15-061 LF; 15-158 LF; 98-912

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

- Relevant identified use(s)** • Temporary 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
- Responsible party** • 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** • Not classified  
**DSD/DPD** • Not classified

#### 2.2 Label Elements

- CLP**  
**Hazard statements** • No label element(s) required.

**DSD/DPD**

Risk phrases • No label element(s) required.

**2.3 Other Hazards**

**CLP**

- This material is exempt from CLP/REACH obligations as an article as specified in REACH (1907/2006) and related ECHA guidance.

**DSD/DPD**

- Under European Directive 1999/45/EC these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.
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**United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

**OSHA HCS 2012**

- Not classified

**2.2 Label elements**

**OSHA HCS 2012**

Hazard statements • No label elements(s) required

**2.3 Other hazards**

**OSHA HCS 2012**

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard) this product is exempt as an article under stated normal conditions of use.
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**Canada**

According to WHMIS

**2.1 Classification of the substance or mixture**

**WHMIS**

- Not classified

**2.2 Label elements**

**WHMIS**

- No label element(s) required

**2.3 Other hazards**

**WHMIS**

- Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.
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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**

Hazardous ingredients are encapsulated in rubber matrix and are not airborne or of respirable size therefore will not be released or otherwise result in exposure to hazardous chemicals under normal conditions of use.

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See Section 11 for Toxicological Information.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.
- Eye**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.
- Ingestion**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

### 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**
- Water, foam, dry chemical, carbon dioxide (CO<sub>2</sub>).
- Unsuitable Extinguishing Media**
- No data available.

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Material is non-combustible and is not expected to pose a fire or explosion hazard.
- Hazardous Combustion Products**
- No data available

### 5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Structural firefighters' protective clothing will only provide limited protection.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.
- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as as recommended. Use normal clean up procedures.

### 6.2 Environmental precautions

- No special precautions necessary.

### 6.3 Methods and material for containment and cleaning up

- Containment/Clean-up**
- Pick up pieces and place in container or bag for disposal.

## Measures

### 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

- Use good safety and industrial hygiene practices.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

- Store in a cool, dry, well-ventilated place.

### 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	France	Germany DFG
1-Propene, 2-methyl- (115-11-7)	TWAs	250 ppm TWA (listed under Butenes, all isomers)	250 ppm TWA (listed under Butenes, all isomers)	Not established	Not established	Not established
Disulfide, bis (dimethylthiocarbamoyl) (137-26-8)	TWAs	0.05 mg/m3 TWA (inhalable fraction and vapor)	0.05 mg/m3 TWA (inhalable fraction and vapor)	5 mg/m3 TWAEV	5 mg/m3 TWA [VME]	Not established
	Ceilings	Not established	Not established	Not established	Not established	2 mg/m3 Peak (inhalable fraction)
	MAKs	Not established	Not established	Not established	Not established	1 mg/m3 TWA MAK (inhalable fraction)
Carbon Black (1333-86-4)	TWAs	3 mg/m3 TWA (inhalable fraction)	3 mg/m3 TWA (inhalable)	3.5 mg/m3 TWAEV	3.5 mg/m3 TWA [VME]	Not established
Isoprene (78-79-5)	Ceilings	Not established	Not established	Not established	Not established	24 ppm Peak; 68 mg/m3 Peak
	MAKs	Not established	Not established	Not established	Not established	3 ppm TWA MAK; 8.5 mg/m3 TWA MAK
Iron oxide (1309-37-1)	TWAs	5 mg/m3 TWA (respirable fraction)	5 mg/m3 TWA (respirable)	5 mg/m3 TWAEV (dust and fume, as Fe); 10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, regulated under Rouge, total dust)	5 mg/m3 TWA [VME] (fume, as Fe)	Not established
	TWAs	Not established	Not established	5 mg/m3 TWAEV (as Mn)  as Manganese compounds	Not established	Not established

Manganese dioxide (1313-13-9)	Ceilings	Not established	Not established	Not established	Not established	1.6 mg/m <sup>3</sup> Peak (Ceiling factor 1 for Permanganates, inhalable fraction); 0.16 mg/m <sup>3</sup> Peak (Ceiling factor 1 for Permanganates, respirable fraction)
	MAKs	Not established	Not established	Not established	Not established	0.2 mg/m <sup>3</sup> TWA MAK (inhalable fraction); 0.02 mg/m <sup>3</sup> TWA MAK (respirable fraction)
Mineral oil (8012-95-1)	TWAs	5 mg/m <sup>3</sup> TWA (excluding metal working fluids, highly & severely refined, inhalable fraction)	5 mg/m <sup>3</sup> TWA (pure, highly and severely refined, excluding metal working fluids, inhalable); poorly and mildly refined, exposure by all routes should be carefully controlled to levels as low as possible	5 mg/m <sup>3</sup> TWAEV (mist)	Not established	Not established
	STELs	Not established	Not established	10 mg/m <sup>3</sup> STEV (mist)	Not established	Not established

## Exposure Limits/Guidelines (Con't.)

	Result	Germany TRGS	NIOSH	OSHA
Disulfide, bis (dimethylthiocarbamoyl) (137-26-8)	TWAs	1 mg/m <sup>3</sup> TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, inhalable fraction, exposure factor 2)	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA
Carbon Black (1333-86-4)	TWAs	Not established	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m <sup>3</sup> TWA
Isoprene (78-79-5)	TWAs	3 ppm TWA AGW (exposure factor 8); 8.4 mg/m <sup>3</sup> TWA AGW (exposure factor 8)	Not established	Not established
Iron oxide (1309-37-1)	TWAs	Not established	5 mg/m <sup>3</sup> TWA (dust and fume, as Fe)	10 mg/m <sup>3</sup> TWA (fume); 15 mg/m <sup>3</sup> TWA (total dust, listed under Rouge); 5 mg/m <sup>3</sup> TWA (respirable fraction, listed under Rouge)
	Ceilings	Not established	Not established	5 mg/m <sup>3</sup> Ceiling (as Mn)  as Manganese compounds

Manganese dioxide as Manganese compounds	STELs	Not established	3 mg/m <sup>3</sup> STEL (as Mn) <i>as Manganese compounds</i>	Not established
	TWAs	Not established	1 mg/m <sup>3</sup> TWA (as Mn) <i>as Manganese compounds</i>	Not established
Mineral oil (8012-95-1)	TWAs	Not established	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA
	STELs	Not established	10 mg/m <sup>3</sup> STEL	Not established

## Exposure Control Notations

### Italy

•Phenol, p-nitroso- (104-91-6): **Mutagens:** (Category 3 Mutagen) | **Mutagens:** (Category 3 Mutagen)

### Germany DFG

•Isoprene (78-79-5): **Carcinogens:** (Category 5 (low carcinogenic potency)) | **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction)) | **Carcinogens:** (Category 3B (could be carcinogenic for man, with the exception of non-bioavailable ferrous oxides)) | **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 (inhalable fraction, respirable fraction)) | **Sensitizers:** (skin sensitizer)

## 8.2 Exposure controls

### Engineering

### Measures/Controls

### Personal Protective Equipment

#### Respiratory

- Under normal conditions of use, special ventilation is not required.

#### Eye/Face

- Under normal conditions of use, eye protection is not required.

#### Skin/Body

- No skin protection is ordinarily required under normal conditions of use.

### Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

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

STEV = Short Term Exposure Value

TWAEV = Time-Weighted Average Exposure Value

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

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Brown or black twisted cord permeated with Butyl rubber, rubber odor.
Color	Brown or 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	Data lacking	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking

Oxidizing Properties:	Data lacking		
<b>Volatility</b>			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
<b>Environmental</b>			
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

**Other Material Information** • This material is an article that does not release or otherwise result in exposure to a hazardous chemical under normal use. The information provided below is for components only and is not expected to be applicable to the material as a whole.

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Route(s) of entry/exposure • No exposure expected to be possible

## Potential Health Effects

### Inhalation

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

### Skin

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

### Eye

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

### Ingestion

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

### Carcinogenic Effects

- This product contains carbon black (encapsulated)(1333-86-4). According to IARC "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint."

Carcinogenic Effects		
	CAS	IARC
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen
Isoprene	78-79-5	Group 2B-Possible Carcinogen

Reproductive Effects • No reproductive effects expected.

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking.

### 12.2 Persistence and degradability

- Material data lacking.

### 12.3 Bioaccumulative potential

- Material data lacking.

## 12.4 Mobility in Soil

- Material data lacking.

## 12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

## 12.6 Other adverse effects

- Material data lacking.

## 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

- No special precautions.

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

- Not relevant.

## Section 15 - Regulatory Information

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

State Right To Know				
Component	CAS	MA	NJ	PA
1-Propene, 2-methyl-	115-11-7	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Disulfide, bis (dimethylthiocarbamoyl)	137-26-8	Yes	Yes	Yes
Iron oxide	1309-37-1	Yes	Yes	Yes
Isobutylene-Isoprene polymer	9010-85-9	No	No	No

Isoprene	78-79-5	Yes	Yes	Yes
Manganese dioxide	1313-13-9	No	Yes	Yes
Mineral oil	8012-95-1	Yes	Yes	Yes
p-Benzoquinone, dioxime	105-11-3	Yes	No	No
Phenol, p-nitroso-	104-91-6	No	No	No
Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	No	No	No
Polyamide resin	24993-04-2	No	No	No
Polybutene	9003-29-6	No	No	No
White mineral oil	8042-47-5	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
1-Propene, 2-methyl-	115-11-7	Yes	No	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Disulfide, bis (dimethylthiocarbamoyl)	137-26-8	Yes	No	Yes	No	Yes
Iron oxide	1309-37-1	Yes	No	Yes	No	Yes
Isobutylene-Isoprene polymer	9010-85-9	Yes	No	No	No	Yes
Isoprene	78-79-5	Yes	No	Yes	No	Yes
Manganese dioxide	1313-13-9	Yes	No	Yes	No	Yes
Mineral oil	8012-95-1	Yes	No	Yes	No	Yes
p-Benzoquinone, dioxime	105-11-3	Yes	No	Yes	No	Yes
Phenol, p-nitroso-	104-91-6	No	Yes	Yes	No	Yes
Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Yes	No	No	No	Yes
Polyamide resin	24993-04-2	Yes	No	No	No	Yes
Polybutene	9003-29-6	Yes	No	No	No	Yes
White mineral oil	8042-47-5	Yes	No	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

- Polyamide resin
- Isobutylene-Isoprene polymer
- Isoprene
- 1-Propene, 2-methyl-
- p-Benzoquinone, dioxime
- Phenol, p-nitroso-
- Disulfide, bis(dimethylthiocarbamoyl)

24993-04-2	Not Listed
9010-85-9	Not Listed
78-79-5	Not Listed
115-11-7	Not Listed
105-11-3	Not Listed
104-91-6	Not Listed
137-26-8	Not Listed

• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed 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.)
• Carbon Black	1333-86-4	Uncontrolled product according to WHMIS classification criteria
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Uncontrolled product according to WHMIS classification criteria
• White mineral oil	8042-47-5	C, D2B
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Uncontrolled product according to WHMIS classification criteria
• Polybutene	9003-29-6	Uncontrolled product according to WHMIS classification criteria
• Mineral oil	8012-95-1	Uncontrolled product according to WHMIS classification criteria

**Canada - WHMIS - Ingredient Disclosure List**

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	1 %
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	1 %
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	1 %
• Iron oxide	1309-37-1	1 %
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		1 %
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	1 %

**Environment****Canada - CEPA - Priority Substances List**

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed

• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

## Europe

### Other

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	F+; R12 Carc.Cat.2; R45 R52-53 Muta.Cat.3; R68
• 1-Propene, 2-methyl-	115-11-7	F+; R12
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Xn; R22 Xi; R41 N; R51-53 Muta.Cat.3; R68
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Xn; R20/22-48/22 Xi; R36/38 R43 N; R50-53
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Xn; R20/22
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	2.5%≤C: N; R:50-53 0.25%≤C<2.5%: N; R:51-53 0.025%≤C<0.25%: R:52-53
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	F+ T R:45-12-68-52/53 S:53-45-61

• 1-Propene, 2-methyl-	115-11-7	F+ R:12 S:(2)-9-16-33
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Xn N R:22-41-51/53-68 S:(2)-26-36/37/39-47-49-61
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Xn N R:20/22-36/38-43-48/22-50/53 S:(2)-26-36/37-60-61
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Xn R:20/22 S:(2)-25
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	D
• 1-Propene, 2-methyl-	115-11-7	C
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	S:53-45-61
• 1-Propene, 2-methyl-	115-11-7	S:(2)-9-16-33
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	S:(2)-26-36/37/39-47-49-61
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	S:(2)-26-36/37-60-61
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	S:(2)-25
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

**United States**

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed

(including any unique chemical

• Manganese dioxide as Manganese compounds		substance that contains Manganese as part of its infrastructure)
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</b>		
• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	100 lb final RQ; 45.4 kg final RQ
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	10 lb final RQ; 4.54 kg final RQ
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities</b>		
• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</b>		
• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed

• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	0.1 % de minimis concentration
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	1.0 % de minimis concentration
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		1.0 % de minimis concentration (Chemical Category N450)
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed

• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	waste number U244
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	waste number U244
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

## United States - California

### Environment

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	carcinogen, initial date 5/1/96

• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - California - Proposition 65 - Developmental Toxicity</b>		
• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)</b>		
• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed
<b>U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)</b>		
• Polyamide resin	24993-04-2	Not Listed

• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

**United States - Pennsylvania**

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

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

• Polyamide resin	24993-04-2	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	Not Listed
• Isoprene	78-79-5	Not Listed
• 1-Propene, 2-methyl-	115-11-7	Not Listed
• p-Benzoquinone, dioxime	105-11-3	Not Listed
• Phenol, p-nitroso-	104-91-6	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	Not Listed
• Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl)	32131-17-2	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Iron oxide	1309-37-1	Not Listed
• Iron oxide as Iron compounds		Not Listed
• White mineral oil	8042-47-5	Not Listed
• Manganese dioxide	1313-13-9	Not Listed
• Manganese dioxide as Manganese compounds		Not Listed
• Polybutene	9003-29-6	Not Listed
• Mineral oil	8012-95-1	Not Listed

**15.2 Chemical Safety Assessment**

- No Chemical Safety Assessment has been carried out.

**15.3 Other Information**

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

**Section 16 - Other Information****Last Revision Date**

- 01/November/2013

**Preparation Date**

- 01/November/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

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