

Safety Data Sheet



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

1.1 Product identifier

- Product Name** • Restore Tire Paint
Product Code • 16-365; 16-366

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

- Relevant identified use(s)** • Tire retread and 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 EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP** • Eye Irritation 2 - H319
DSD/DPD • Classification criteria not met

2.2 Label Elements

CLP

WARNING



Hazard statements • H319 - Causes serious eye irritation

Precautionary statements

- Prevention** • P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

DSD/DPD

Risk phrases • No label element(s) required.

2.3 Other Hazards

CLP

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

DSD/DPD

- According to European Directive 1999/45/EC this preparation is not considered dangerous.
-

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Eye Irritation 2 - H319

2.2 Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes serious eye irritation - H319

Precautionary statements

- Prevention** • Wash thoroughly after handling. - P264
Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response** • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
If eye irritation persists: Get medical advice/attention. - P337+P313

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.
-

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2A
Other Toxic Effects - D2B

2.2 Label elements

WHMIS



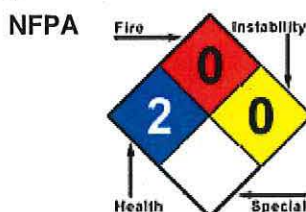
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

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

2.4 Other information



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 Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
SBR Emulsion	NDA	7% TO 13%	NDA	EU DSD/DPD: Self Classified - Xi, R36 EU CLP: Self Classified - Eye Irrit. 2, H319 OSHA HCS 2012: Eye Irrit. 2	NDA
Carbon Black	CAS:1333-86-4 EC Number:215-609-9	1% TO 5%	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	EU DSD/DPD: Self Classified - Carc. 3, R40 EU CLP: Self Classified - Carc. 2, H350 OSHA HCS 2012: Carc. 2	Will not be released in final product
Kaolin	CAS:1332-58-7	1% TO 5%	NDA	EU DSD/DPD: Self Classified - Xi R36 EU CLP: Self Classified - Eye Irrit. 2; H319 OSHA HCS 2012: Eye Irrit. 2	NDA
Methacrylic acid, polymer with ethyl acrylate	CAS:25212-88-8 EC Number:	0.5% TO 1.5%	NDA	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Data Lacking	NDA
Polyethylene glycol mono(octylphenyl) ether	CAS:9036-19-5	0.1% TO 1%	Ingestion/Oral-Rat LD50 · 4190 mg/kg	EU DSD/DPD: Self Classified - Xi R41 EU CLP: Self Classified - Eye Dam. 1, H318 OSHA HCS 2012: Eye Dam. 1	NDA
Potassium hydroxide	CAS:1310-58-3 EC Number:215-181-3	0.1% TO 1%	Ingestion/Oral-Rat LD50 · 273 mg/kg	EU DSD/DPD: Annex I - Xn; R22 C; R35 EU CLP: Annex VI - Acute Tox 4* H302; Skin Corr. 1A H314 OSHA HCS 2012: Eye Dam. 1, Skin Corr. 1A;	NDA

	UN:UN1813			Acute Tox 3	
Sulfuric acid, monododecyl ester, sodium salt	CAS:151-21-3 EC Number:205-788-1	0.03% TO 0.15%	Ingestion/Oral-Rat LD50 · 1288 mg/kg	EU DSD/DPD: Self Classified-Xi R36/38, Xn R22 EU CLP: Self Classified - Eye Irrit. 2, H319; Skin Irrit. 2, H315; Acute Tox 4, H302 OSHA HCS 2012: Eye Irrit. 2, Skin Irrit. 2; Acute Tox. 4 (oral)	NDA
Acrylic acid, ethyl ester	CAS:140-88-5 EC Number:205-438-8 UN:UN1917	0.003% TO 0.03%	Ingestion/Oral-Rat LD50 · 800 mg/kg Skin-Rabbit LD50 · 500 µL/kg Inhalation-Rat LC50 · 2180 ppm 4 Hour (s)	EU DSD/DPD: Annex I - F; R11 Xn; R20/21/22 Xi; R36/37/38 R43 EU CLP: Annex VI - Flam. Liq. 2, H225; Acute Tox. 4 *, H302; Acute Tox. 4 *, H312; Acute Tox. 4 *, H332; Eye Irrit. 2, H319; Skin Irrit. 2, H315 STOT SE 3, H335; Skin Sens. 1, H317 OSHA HCS 2012: Flam Liq. 2; Carc. 2, Acute Tox 4 (orl); STOT SE 3: Resp Irrit., Repr. 2	NDA
Defoamer	NDA	0.08%	NDA	EU DSD/DPD: Self Classified - Xi R37 EU CLP: Self Classified - STOT SE 3: Resp. Irrit. H335 OSHA HCS 2012: STOT SE 3: Resp. Irrit.	NDA
Oxazolidine, 4,4-dimethyl-	CAS:51200-87-4 EINECS:257-048-2	0.0156%	Ingestion/Oral-Rat LD50 · 950 mg/kg Inhalation-Rat LC50 · 11700 mg/m ³ Skin-Rabbit LD50 · 1400 mg/kg	EU DSD/DPD: Self Classified - Xn R20/21/22 EU CLP: Self Classified - Acute Tox 4, H302; Acute Tox 4, H312; Acute Tox 4, H332 OSHA HCS 2012: Acute Tox 4(orl, skn, inh)	NDA
Polyethylene glycol	CAS:25322-68-3 EC Number:	<= 0.015%	Ingestion/Oral-Rat LD50 · 44200 mg/kg Skin-Rabbit LD50 · >20 mL/kg	EU DSD/DPD: Self Classified- Xn R22; Xi 37 EU CLP: Self Classified- STOT SE 3: Resp. Irrit., H335; Acute Tox 4, H302 OSHA HCS 2012: STOT SE 3: Resp. Irrit., Acute Tox 4	NDA

See Section 11 for Toxicological Information. See section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin

- IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

- If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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.

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

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

Unsuitable Extinguishing Media • None known.

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 • Carbon monoxide, carbon monoxide, sulfur oxides.

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Avoid contact with skin and eyes. Wear appropriate Personal Protective Equipment (PPE).

Emergency Procedures • As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Ventilate closed spaces before entering.

6.2 Environmental precautions

- No special environmental precautions necessary.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

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

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Store in a well-ventilated place. Keep container tightly closed.

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
Ethylene oxide (75-21-8)	STELs	Not established	10 ppm STEL (designated substances regulation); 18 mg/m3 STEL (designated substances regulation)	Not established	5 ppm STEL [VLCT]	Not established
	TWAs	1 ppm TWA	1 ppm TWA (designated substance regulation); 1.8 mg/m3 TWA (designated substance regulation); 1 ppm TWA (applies to workplaces to which the designated substance regulation does not apply)	1 ppm TWAEV; 1.8 mg/m3 TWAEV	1 ppm TWA [VME]	Not established
p-Dioxane (123-91-1)	TWAs	20 ppm TWA	20 ppm TWA	20 ppm TWAEV; 72 mg/m3 TWAEV	20 ppm TWA [VME]; 73 mg/m3 TWA [VME]	Not established
	STELs	Not established	Not established	Not established	40 ppm STEL [VLCT]; 140 mg/m3 STEL [VLCT]	Not established
	Ceilings	Not established	Not established	Not established	Not established	40 ppm Peak; 146 mg/m3 Peak
	MAKs	Not established	Not established	Not established	Not established	20 ppm TWA MAK; 73 mg/m3 TWA MAK
Acetaldehyde (75-07-0)	Ceilings	25 ppm Ceiling	25 ppm Ceiling	25 ppm Ceiling; 45 mg/m3 Ceiling	Not established	50 ppm Peak; 91 mg/m3 Peak
	TWAs	Not established	Not established	Not established	100 ppm TWA [VME]; 180 mg/m3 TWA [VME]	Not established
	MAKs	Not established	Not established	Not established	Not established	50 ppm TWA MAK; 91 mg/m3 TWA MAK
Acrylic acid, ethyl ester (140-88-5)	STELs	15 ppm STEL	15 ppm STEL	15 ppm STEV; 61 mg/m3 STEV	42 mg/m3 STEL [VLCT]; 10 ppm STEL [VLCT]	Not established
	TWAs	5 ppm TWA	5 ppm TWA	5 ppm TWAEV; 20 mg/m3 TWAEV	5 ppm TWA [VME]; 21 mg/m3 TWA [VME]	Not established
	Ceilings	Not established	Not established	Not established	Not established	10 ppm Peak; 42 mg/m3 Peak
	MAKs	Not established	Not established	Not established	Not established	5 ppm TWA MAK; 21 mg/m3 TWA MAK
Polyethylene glycol (25322-68-3)	Ceilings	Not established	Not established	Not established	Not established	8000 mg/m3 Peak (average molecular weight 200-600, inhalable fraction)
	MAKs	Not established	Not established	Not established	Not established	1000 mg/m3 TWA MAK (average molecular weight

						200-600, inhalable fraction)
Potassium hydroxide (1310-58-3)	Ceilings	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling	Not established	Not established
	STELs	Not established	Not established	Not established	2 mg/m3 STEL [VLCT]	Not established
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)	10 mg/m3 TWA [VME]	Not established
Carbon Black (1333-86-4)	TWAs	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	3.5 mg/m3 TWA [VME]	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Germany TRGS	NIOSH	OSHA		
Ethylene oxide (75-21-8)	STELs	Not established	Not established	5 ppm STEL (see 29 CFR 1910.1047)		
	TWAs	Not established	0.1 ppm TWA (less than stated value); 0.18 mg/m3 TWA (less than stated value)	1 ppm TWA		
	Ceilings	Not established	5 ppm Ceiling (10 min/day); 9 mg/m3 Ceiling (10 min/day)	Not established		
p-Dioxane (123-91-1)	TWAs	20 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 73 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	Not established	100 ppm TWA; 360 mg/m3 TWA		
	Ceilings	Not established	1 ppm Ceiling (30 min); 3.6 mg/m3 Ceiling (30 min)	Not established		
Acetaldehyde (75-07-0)	TWAs	50 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, ceiling factor 2, exposure factor 1); 91 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, ceiling factor 2, exposure factor 1)	Not established	200 ppm TWA; 360 mg/m3 TWA		

1-Propanol, 2-amino-2-methyl- (124-68-5)	TWAs	1 ppm TWA AGW (exposure factor 2); 4.6 mg/m3 TWA AGW (exposure factor 2)	Not established	Not established
Acrylic acid, ethyl ester (140-88-5)	TWAs	5 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 21 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	Not established	25 ppm TWA; 100 mg/m3 TWA
Polyethylene glycol (25322-68-3)	TWAs	1000 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, average molecular weight 200-400, inhalable fraction, exposure factor 8)	Not established	Not established
Potassium hydroxide (1310-58-3)	Ceilings	Not established	2 mg/m3 Ceiling	Not established
Kaolin (1332-58-7)	TWAs	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Carbon Black (1333-86-4)	TWAs	Not established	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m3 TWA

Exposure Control Notations

Italy

- Ethylene oxide (75-21-8): **Carcinogens:** (Category 2 Carcinogen) | **Mutagens:** (Category 2 Mutagen)
- p-Dioxane (123-91-1): **Carcinogens:** (Category 3 Carcinogen)
- Acetaldehyde (75-07-0): **Carcinogens:** (Category 3 Carcinogen)

France

- Ethylene oxide (75-21-8): **Carcinogens:** (Carcinogen category 2) | **Mutagens:** (Mutagen category 2)
- p-Dioxane (123-91-1): **Carcinogens:** (Carcinogen category 3)
- Acetaldehyde (75-07-0): **Carcinogens:** (Carcinogen category 3)

Germany TRGS

- Acrylic acid, ethyl ester (140-88-5): **Skin:** (skin notation)
- p-Dioxane (123-91-1): **Skin:** (skin notation)

Germany DFG

- Acrylic acid, ethyl ester (140-88-5): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer)
- Ethylene oxide (75-21-8): **Carcinogens:** (Category 2 (considered to be carcinogenic for man)) | **Skin:** (skin notation)
- p-Dioxane (123-91-1): **Carcinogens:** (Category 4 (no significant contribution to human cancer)) | **Pregnancy:** (no risk to embryo/fetus if

exposure limits adhered to) | **Skin:** (skin notation)

•Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man))

•Polyethylene glycol (25322-68-3): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to (average molecular weight 200 - 600))

•Acetaldehyde (75-07-0): **Carcinogens:** (Category 5 (low carcinogenic potency)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

•Carbon Black (1333-86-4): **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction))

8.2 Exposure controls

Engineering Measures/Controls

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

Personal Protective Equipment

Pictograms



Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety goggles.

Skin/Body

- Wear protective gloves and clothing .

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	Liquid	Appearance/Description	Black liquid with slight odor.
Color	Black	Odor	Slight
Taste	Data lacking	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	212 F(100 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	7.5 to 9.5	Specific Gravity/Relative Density	1.048 Water=1
Density	8.73 lbs/gal	Bulk Density	Data lacking
Water Solubility	Miscible	Solvent Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			

Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	1 Water = 1	VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking	Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking		
Flammability			
Flash Point	None	UEL	None
LEL	None	Autoignition	None
Self-Accelerating Decomposition Temperature (SADT)	Data lacking	Heat of Combustion (ΔH_c)	Data lacking
Burning Time	Data lacking	Flame Duration	Data lacking
Flame Height	Data lacking	Flame Extension	Data lacking
Ignition Distance	Data lacking	Flammability (solid, gas)	Data lacking
Environmental			
Half-Life	Data lacking	Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking	Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking	Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking	Persistence	Data lacking
Degradation	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

- High temperatures, freezing, exposure to direct sunlight.

10.5 Incompatible materials

- Oxidizing agents, strong acids.

10.6 Hazardous decomposition products

- Oxides of carbon, oxides of sulfur.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Carbon Black (1% TO 5%)	1333-86-4	Acute Toxicity: skn-rbt LD50:>3 gm/kg; Mutagen: dnd-rat-ihl 50 ug/L/13W-I; Tumorigen/Carcinogen: ihl-rat TCLo:11600 ug/m3/18H/2Y-I
Kaolin (1% TO 5%)	1332-58-7	Acute Toxicity: ihl-rat TCLo:300 mg/m3/12W-I; Reproductive: orl-rat TDLo:370 gm/kg (37D pre/1-22D preg)
Polyethylene glycol mono(octylphenyl) ether (0.1% TO 1%)	9036-19-5	Acute Toxicity: orl-rat LD50:4190 mg/kg; Irritation: eye-rbt 1% SEV
Potassium hydroxide (0.1% TO 1%)	1310-58-3	Acute Toxicity: orl-rat LD50:273 mg/kg; Irritation: eye-rbt 1 mg/24H rinse MOD; skn-rbt 50 mg/24H SEV
Sulfuric acid, monododecyl ester, sodium salt (0.03% TO 0.15%)	151-21-3	Acute Toxicity: orl-rat LD50:1288 mg/kg; Irritation: eye-rbt 100 mg/24H MOD; skn-hmn 3%/48H MOD; Reproductive: skn-mus TDLo:480 mg/kg (6-13D preg)
Acrylic acid, ethyl ester (0.003% TO 0.03%)	140-88-5	Acute Toxicity: orl-rat LD50:800 mg/kg; ihl-rat LC50:1414 ppm/4H; ihl-rat TCLo:4.2 gm/m3/6H; skn-rbt LD50:500 uL/kg; Irritation: eye-rbt 1204 ppm/7H; skn-rbt 500 mg open MLD; Reproductive: ihl-rat TCLo:200 ppm (6-20D preg); Tumorigen/Carcinogen: orl-rat TDLo:51500 mg/kg/103W-I
Oxazolidine, 4,4-dimethyl- (0.0156%)	51200-87-4	Acute Toxicity: orl-rat LD50:950 mg/kg; ihl-rat LC50:11700 mg/m3; skn-rbt LD50:1400 mg/kg
Polyethylene glycol (<= 0.015%)	25322-68-3	Acute Toxicity: orl-rat LD50:44200 mg/kg; ihl-rat TCLo:567 mg/m3/6H/2W-I; skn-rbt LD50:>20 mL/kg; skn-rbt TDLo:30 mL/kg/30D-I; Irritation: eye-rbt 500 mg MLD; skn-rbt 500 mg open MLD; Reproductive: orl-rbt TDLo:130 mg/kg (6-18D preg)

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 • Eye Irritation 2

OSHA HCS 2012 • Eye Irritation 2

Potential Health Effects**Inhalation**

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

Skin

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

Eye

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available.

Ingestion

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

Carcinogenic Effects

- 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
Acrylic acid, ethyl ester	140-88-5	Group 2B-Possible Carcinogen
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen

Key to abbreviations

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

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

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

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

Packaging waste

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

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None known.

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

- Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Water	7732-18-5	No	No	No
SBR Emulsion	NDA	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes
Kaolin	1332-58-7	Yes	Yes	Yes
Methacrylic acid, polymer with ethyl acrylate	25212-88-8	No	No	No
Blancol	9084-06-4	No	No	No
Polyethylene glycol mono(octylphenyl) ether	9036-19-5	No	No	No
Potassium hydroxide	1310-58-3	Yes	Yes	Yes
Sulfuric acid,				

monododecyl ester, sodium salt	151-21-3	No	No	No
Acrylic acid, ethyl ester	140-88-5	Yes	Yes	Yes
Defoamer	NDA	No	No	No
Oxazolidine, 4,4-dimethyl-	51200-87-4	No	No	No
Polyethylene glycol	25322-68-3	No	No	No
Oxazolidine, 3,4,4-trimethyl-	75673-43-7	No	No	No
1-Propanol, 2-amino-2-methyl-	124-68-5	Yes	Yes	Yes
Formaldehyde Amine Resin	56652-26-7	No	No	No
Acetaldehyde	75-07-0	Yes	Yes	Yes
Ethylene oxide	75-21-8	Yes	Yes	Yes
p-Dioxane	123-91-1	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Water	7732-18-5	Yes	No	Yes	Yes	No
SBR Emulsion	NDA	No	No	No	No	No
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Kaolin	1332-58-7	Yes	No	Yes	Yes	No
Methacrylic acid, polymer with ethyl acrylate	25212-88-8	Yes	No	Yes	No	No
Blancol	9084-06-4	Yes	No	Yes	No	No
Polyethylene glycol mono(octylphenyl) ether	9036-19-5	Yes	No	Yes	No	No
Potassium hydroxide	1310-58-3	Yes	No	Yes	Yes	No
Sulfuric acid, monododecyl ester, sodium salt	151-21-3	Yes	No	Yes	Yes	No
Acrylic acid, ethyl ester	140-88-5	Yes	No	Yes	Yes	No
Defoamer	NDA	No	No	No	No	No
Oxazolidine, 4,4-dimethyl-	51200-87-4	Yes	No	Yes	Yes	No
Polyethylene glycol	25322-68-3	Yes	No	Yes	No	No
Oxazolidine, 3,4,4-trimethyl-	75673-43-7	Yes	No	Yes	No	No
1-Propanol, 2-amino-2-methyl-	124-68-5	Yes	No	Yes	Yes	No

Formaldehyde Amine Resin	56652-26-7	No	No	No	No	No
Acetaldehyde	75-07-0	Yes	No	Yes	Yes	No
Ethylene oxide	75-21-8	Yes	No	Yes	Yes	No
p-Dioxane	123-91-1	Yes	No	Yes	Yes	No

Inventory (Con't.)

Component	CAS	TSCA
Water	7732-18-5	Yes
SBR Emulsion	NDA	No
Carbon Black	1333-86-4	Yes
Kaolin	1332-58-7	Yes
Methacrylic acid, polymer with ethyl acrylate	25212-88-8	Yes
Blancol	9084-06-4	Yes
Polyethylene glycol mono(octylphenyl) ether	9036-19-5	Yes
Potassium hydroxide	1310-58-3	Yes
Sulfuric acid, monododecyl ester, sodium salt	151-21-3	Yes
Acrylic acid, ethyl ester	140-88-5	Yes
Defoamer	NDA	No
Oxazolidine, 4,4- dimethyl-	51200-87-4	Yes
Polyethylene glycol	25322-68-3	Yes
Oxazolidine, 3,4,4- trimethyl-	75673-43-7	No
1-Propanol, 2-amino- 2-methyl-	124-68-5	Yes
Formaldehyde Amine Resin	56652-26-7	No
Acetaldehyde	75-07-0	Yes
Ethylene oxide	75-21-8	Yes
p-Dioxane	123-91-1	Yes

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

- Acrylic acid, ethyl ester 140-88-5 0.003% TO 0.03% B2, D1A, D2A, D2B, E, F
- 1-Propanol, 2-amino-2-methyl- 124-68-5 0.0002% E
- Blancol 9084-06-4 0.1% TO 1% Not Listed

• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	A, B1, D1A, D2A, E, F
• p-Dioxane	123-91-1	< 0%	B2, D2A, D2B
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	D2A
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	B2, D2A
• Carbon Black	1333-86-4	1% TO 5%	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.)
• Potassium hydroxide	1310-58-3	0.1% TO 1%	D1B, E; E (0.056% in aqueous solution, 0.11%, 0.56% in aqueous solution, 2.5%, 2.8%, 5.6% in aqueous solution, 25%, 28%, 33.3%, 40%, 50% in aqueous solution)
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	D2B
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Uncontrolled product according to WHMIS classification criteria
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	D2B
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	1 %
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blancol	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	0.1 %
• p-Dioxane	123-91-1	< 0%	0.1 %
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	1 %
• Carbon Black	1333-86-4	1% TO 5%	1 %
• Potassium hydroxide	1310-58-3	0.1% TO 1%	1 %
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	1 %
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	1 %
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Priority Substance List 2 (substance considered toxic)
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Priority Substance List 2 (substance considered toxic)
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

Europe

Other

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	F; R11 Xn; R20/21/22 Xi; R36/37/38 R43
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Xi; R36/38 R52-53
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	F+; R12 T; R23 Xi; R36/37/38 Carc.Cat.2; R45 Muta.Cat.2; R46 R6
• p-Dioxane	123-91-1	< 0%	F; R11-19 Xi; R36/37 Carc.Cat.3; R40 R66
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	F+; R12 Xi; R36/37 Carc.Cat.3; R40
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Xn; R22 C; R35
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	5%≤C: Xi; R36/37/38
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	10%≤C: Xi; R36/38
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Not Listed
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	≤ 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	5%≤C: C; R35 2%≤C<5%: C; R34 0.5%≤C<2%: Xi; R36/38
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	F Xn R:11-20/21/22-36/37/38-43 S:(2)-9-16-33-36/37
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Xi R:36/38-52/53 S:(2)-61
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	F+ T R:45-46-6-12-23-36/37/38 S:53-45
• p-Dioxane	123-91-1	< 0%	F Xn R:11-19-36/37-40-66 S:(2)-9-16-36/37-46
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	≤ 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	F+ Xn R:12-36/37-40 S:(2)-16-33-36/37
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	C R:22-35 S:(1/2)-26-36/37/39-45
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	D
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed

• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	E
• p-Dioxane	123-91-1	< 0%	D
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	S:(2)-9-16-33-36/37
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	S:(2)-61
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	S:53-45
• p-Dioxane	123-91-1	< 0%	S:(2)-9-16-36/37-46
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	S:(2)-16-33-36/37
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	S:(1/2)-26-36/37/39-45
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

United States

Labor

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	5000 lb TQ
• p-Dioxane	123-91-1	< 0%	Not Listed

• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	2500 lb TQ
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blancol	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	5 ppm Excursion Limit (Cancer hazard and reproductive hazard, See 29 CFR 1910.1047, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono (octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

Environment

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blancol	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed

• Ethylene oxide	75-21-8	< 0%	
• p-Dioxane	123-91-1	< 0%	
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	(including mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for Redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 for deletion of EGBE)
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	1000 lb final RQ; 454 kg final RQ
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blancol	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	10 lb final RQ; 4.54 kg final RQ
• p-Dioxane	123-91-1	< 0%	100 lb final RQ; 45.4 kg final RQ
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	1000 lb final RQ; 454 kg final RQ
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	1000 lb final RQ; 454 kg final RQ
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
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• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Not Listed
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	10 lb EPCRA RQ
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	1000 lb TPQ
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed

• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	0.1 % de minimis concentration
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blancol	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	0.1 % de minimis concentration
• p-Dioxane	123-91-1	< 0%	0.1 % de minimis concentration
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	1.0 % de minimis concentration (applies to R-(OCH ₂ CH ₂) _n -OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate, Chemical Category N230)
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	0.1 % de minimis concentration
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed

• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Not Listed
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Included in waste stream: F039
• p-Dioxane	123-91-1	< 0%	Included in waste stream: F039
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	waste number U115
• p-Dioxane	123-91-1	< 0%	waste number U108
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed

• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	0.12 mg/L (wastewater)
• p-Dioxane	123-91-1	< 0%	12.0 mg/L (wastewater); 170 mg/kg (nonwastewater)
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Not Listed
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed

• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	waste number U113 (Ignitable waste)
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	waste number U115 (Ignitable waste, Toxic waste)
• p-Dioxane	123-91-1	< 0%	waste number U108
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	waste number U001 (Ignitable waste)
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

United States - California

Environment

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	carcinogen, initial date 7/1/89
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	carcinogen, initial date 7/1/87
• p-Dioxane	123-91-1	< 0%	carcinogen, initial date 1/1/88
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	carcinogen, initial date 4/1/88
• Carbon Black	1333-86-4	1% TO 5%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed

• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	developmental toxicity, initial date 8/7/09
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	20 µg/day MADL
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	2 µg/day NSRL
• p-Dioxane	123-91-1	< 0%	30 µg/day NSRL
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	90 µg/day NSRL (inhalation)
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	female reproductive toxicity, initial date 2/27/87
• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Not Listed
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	male reproductive toxicity, initial date 8/7/09

• p-Dioxane	123-91-1	< 0%	Not Listed
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

United States - Pennsylvania

Labor

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	
• p-Dioxane	123-91-1	< 0%	
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	
• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

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

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	
• p-Dioxane	123-91-1	< 0%	
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed

• Kaolin	1332-58-7	1% TO 5%	Not Listed
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Not Listed
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• Acrylic acid, ethyl ester	140-88-5	0.003% TO 0.03%	Toxic (skin); Flammable (skin)
• 1-Propanol, 2-amino-2-methyl-	124-68-5	0.0002%	Not Listed
• Blanco	9084-06-4	0.1% TO 1%	Not Listed
• Methacrylic acid, polymer with ethyl acrylate	25212-88-8	0.5% TO 1.5%	Not Listed
• Ethylene oxide	75-21-8	< 0%	Toxic; Flammable; Carcinogen
• p-Dioxane	123-91-1	< 0%	Toxic (skin); Flammable (skin); Carcinogen (skin)
• p-Dioxane as Dioxin and Dioxin-Like Compounds		< 0%	Not Listed
• p-Dioxane as Glycol ethers		< 0%	Not Listed
• Kaolin	1332-58-7	1% TO 5%	Toxic
• Polyethylene glycol	25322-68-3	<= 0.015%	Not Listed
• Acetaldehyde	75-07-0	< 0%	Toxic; Flammable
• Carbon Black	1333-86-4	1% TO 5%	Toxic
• Potassium hydroxide	1310-58-3	0.1% TO 1%	Toxic; Flammable
• Sulfuric acid, monododecyl ester, sodium salt	151-21-3	0.03% TO 0.15%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.0156%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.001%	Not Listed
• Water	7732-18-5	60% TO 100%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.1% TO 1%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	0.0001%	Not Listed

15.2 Chemical Safety Assessment

- Chemical Safety Assessment is not required.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H225 - Highly flammable liquid and vapour
- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
- H314 - Causes severe skin burns and eye damage
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H350 - May cause cancer.
R11 - Highly flammable.
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R22 - Harmful if swallowed.
R35 - Causes severe burns.
R36/38 - Irritating to eyes and skin.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R37 - Irritating to respiratory system.
R40 - Limited evidence of a carcinogenic effect.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.

Last Revision Date

Preparation Date

Disclaimer/Statement of Liability

- 12/July/2012
- 22/June/2010
- 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
