

Manufacturer

T 870-246-9000

Arkadelphia, AR 71923

Siplast, Inc. 35 McClellan Blvd

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations Revision Date: 08/31/2015

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture Product Name: Pro Paste, Pro Matrix

Intended Use of the Product

Use of the Substance/Mixture: Parapro Liquid Resin system. For professional use only.

Name, Address, and Telephone of the Responsible Party

Company Siplast, Inc. 14911 Quorum Drive, Ste. 600 Dallas, TX 75254 T 800-922-8800

www.siplast.com

Emergency Telephone Number

Emergency Number : 800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

<u>Classification of the Substa</u>		
Classification (GHS-	·US)	
Flam. Liq. 2	H225	
Acute Tox. 4 (Oral)	H302	
Skin Irrit. 2	H315	
Eye Irrit. 2A	H319	
Resp. Sens. 1	H334	
Skin Sens. 1	H317	
Muta. 1B	H340	
Carc. 1B	H350	
Carc. 2	H351	
Repr. 1B	H360	
STOT SE 3	H335	
STOT SE 3	H336	
Aquatic Acute 3	H402	
Aquatic Chronic 3	H412	
Label Elements		
GHS-US Labeling		
Hazard Pictograms (GHS-US)		

GISO2 GISO7 GISO8

Signal Word (GHS-US) Hazard Statements (GHS-US)

- : Danger
- : H225 Highly flammable liquid and vapor.
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H319 Causes serious eye irritation.
 - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 - H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.

Version: 3.0

	H351 – Suspected of causing cancer.
	H360 - May damage fertility or the unborn child.
	H402 - Harmful to aquatic life.
	H412 - Harmful to aquatic life with long lasting effects.
recautionary Statements (GHS-US)	
,	P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, sparks, open flames, hot surfaces No smoking.
	P233 - Keep container tightly closed.
	P240 - Ground/bond container and receiving equipment.
	P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
	P242 - Use only non-sparking tools.
	P243 - Take precautionary measures against static discharge.
	P260 - Do not breathe vapors, mist, spray.
	P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
	P270 - Do not eat, drink or smoke when using this product.
	P271 - Use only outdoors or in a well-ventilated area.
	P272 - Contaminated work clothing must not be allowed out of the workplace.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves, protective clothing, eye protection, face protection,
	respiratory protection.
	P284 - [In case of inadequate ventilation] wear respiratory protection.
	P301+P312 - If swallowed: Call a poison center/doctor if you feel unwell.
	P302+P352 - If on skin: Wash with plenty of water.
	P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rir
	skin with water/shower.
	P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position
	comfortable for breathing.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P308+P313 - If exposed or concerned: Get medical advice/attention.
	P321 - Specific treatment (see section 4).
	P330 - Rinse mouth.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	P342+P311 - If experiencing respiratory symptoms: Call a poison center/doctor.
	P362+P364 - Take off contaminated clothing and wash it before reuse.
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	P370+P378 - In case of fire: Use appropriate media to extinguish. P403+P233+ P235 - Store in a well-ventilated place. Keep container tightly closed. Keep co
	P405 - Store locked up.
	P501 - Dispose of contents/container in accordance with local, regional, national, territoria provincial, and international regulations.

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems.

Unknown Acute Toxicity (GHS-US) Not available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Mixture</u>			
Name	Product Identifier	% (w/w)	Classification (GHS-US)
Methyl methacrylate	(CAS No) 80-62-6	15 - 35	Flam. Liq. 2, H225
			Skin Irrit. 2, H315
			Eye Irrit. 2B, H320
			Resp. Sens. 1, H334
			Skin Sens. 1, H317
			STOT SE 3, H335
			Aquatic Acute 3, H402
2-Ethylhexyl acrylate	(CAS No) 103-11-7	10 - 25	Flam. Liq. 4, H227
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
			Skin Sens. 1, H317
			STOT SE 3, H336
			Aquatic Acute 3, H402
			Aquatic Chronic 3, H412
Titanium dioxide	(CAS No) 13463-	0 - 5	Carc. 2, H351
	67-7		,
Quartz	(CAS No) 14808-	0 - 1	Carc. 1A, H350
	60-7	-	STOT SE 3, H335
			STOT RE 1, H372
2-Propenoic acid, 2-methyl-, oxybis(2,1-	(CAS No) 109-17-1	0 - 1	Skin Irrit. 2, H315
ethanediyloxy-2,1-ethanediyl) ester	(0,10,100,200,27,2	· -	Eye Irrit. 2A, H319
			Skin Sens. 1, H317
1-Methyl-2-pyrrolidone	(CAS No) 872-50-4	0 - 5	Flam. Lig. 4, H227
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
			Repr. 1B, H360
			STOT SE 3, H335
Naphtha, petroleum, hydrodesulfurized	(CAS No) 64742-	0-0.5	Flam. Liq. 1, H224
heavy	82-1	0 0.5	Skin Irrit. 2, H315
			Muta. 1B, H340
			Carc. 1B, H350
			Repr. 2, H361
			STOT SE 3, H336
			Asp. Tox. 1, H304
			Aquatic Chronic 2, H411
Fatty acids, C18, unsaturated, dimers,	(CAS No) 162627-	0 – 0.5	Skin Sens. 1, H317
reaction products with N,N-dimethyl-1,3-	17-0	0 0.5	
propanediamine and 1,3-propanediamine	1, 0		
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-	0-0.5	Flam. Liq. 1, H224
	95-6		Skin Irrit. 2, H315
			Muta. 1B, H340
			Carc. 1B, H350
			Repr. 2, H361
			STOT SE 3, H336
			Asp. Tox. 1, H304
			Aquatic Acute 2, H401
			Aquatic Chronic 2, H411
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Multiple WHMIS ranges have been utilized due to varying composition.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed. Causes eye irritation. Skin irritation. May cause an allergic skin reaction. Irritation of respiratory tract. May damage fertility. May damage the unborn child. Inhalation may cause allergic respiratory reaction with asthma-like symptoms and difficulty breathing. Vapors may cause drowsiness and dizziness. May cause cancer. May cause heritable genetic damage.

Inhalation: May cause respiratory irritation. Exposure may produce an allergic reaction. May cause drowsiness or dizziness.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes eye irritation.

Ingestion: Swallowing a small quantity of this material will result in serious health hazard.

Chronic Symptoms: May damage fertility. May damage the unborn child. May cause heritable genetic damage. May cause cancer.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides. Hydrocarbons. Black smoke. Methyl methacrylate. Oxides of titanium. May release flammable gases. May liberate toxic gases.

Other Information: Do not allow run-off from firefighting to enter drains or water courses.

Reference to Other Sections

Refer to section 9 for flammability properties.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid all eye and skin contact and do not breathe vapor and mist. Do not allow product to spread into the environment. Handle in accordance with good industrial hygiene and safety practice.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE). **Emergency Procedures:** Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. Contact competent authorities after a spill. Use only non-sparking tools.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities. When heated to decomposition, emits toxic fumes.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from extremely high or low temperatures, ignition sources, combustible materials, heat, direct sunlight, incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Specific End Use(s)

Parapro Liquid Resin system. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Methyl methacrylate (80-62-6)			
Mexico	OEL TWA (mg/m ³)	410 mg/m ³	
Mexico	OEL TWA (ppm)	100 ppm	
Mexico	OEL STEL (mg/m ³)	510 mg/m ³	
Mexico	OEL STEL (ppm)	125 ppm	
USA ACGIH	ACGIH TWA (ppm)	50 ppm	
USA ACGIH	ACGIH STEL (ppm)	100 ppm	

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USA OSHA	OSHA PEL (TWA) (mg/m³)	410 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	410 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA IDLH	US IDLH (ppm)	1000 ppm
Alberta	OEL STEL (mg/m ³)	410 mg/m ³
Alberta	OEL STEL (ppm)	100 ppm
Alberta	OEL TWA (mg/m³)	205 mg/m ³
Alberta	OEL TWA (ppm)	50 ppm
British Columbia	OEL STEL (ppm)	100 ppm
British Columbia	OEL TWA (ppm)	50 ppm
Manitoba	OEL STEL (ppm)	100 ppm
Manitoba	OEL TWA (ppm)	50 ppm
New Brunswick	OEL TWA (mg/m³)	410 mg/m ³
New Brunswick	OEL TWA (ppm)	100 ppm
Newfoundland & Labrador	OEL STEL (ppm)	100 ppm
Newfoundland & Labrador	OEL TWA (ppm)	50 ppm
Nova Scotia	OEL STEL (ppm)	100 ppm
Nova Scotia	OEL TWA (ppm)	50 ppm
Nunavut	OEL STEL (mg/m ³)	510 mg/m ³
Nunavut	OEL STEL (ppm)	125 ppm
Nunavut	OEL TWA (mg/m³)	410 mg/m ³
Nunavut	OEL TWA (ppm)	100 ppm
Northwest Territories	OEL STEL (mg/m ³)	510 mg/m ³
Northwest Territories	OEL STEL (ppm)	125 ppm
Northwest Territories	OEL TWA (mg/m³)	410 mg/m ³
Northwest Territories	OEL TWA (ppm)	100 ppm
Ontario	OEL STEL (ppm)	100 ppm
Ontario	OEL TWA (ppm)	50 ppm
Prince Edward Island	OEL STEL (ppm)	100 ppm
Prince Edward Island	OEL TWA (ppm)	50 ppm
Québec	VEMP (mg/m ³)	205 mg/m ³
Québec	VEMP (ppm)	50 ppm
Saskatchewan	OEL STEL (ppm)	100 ppm
Saskatchewan	OEL TWA (ppm)	50 ppm
Yukon	OEL STEL (mg/m ³)	510 mg/m ³
Yukon	OEL STEL (ppm)	125 ppm
Yukon	OEL TWA (mg/m ³)	410 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm
Quartz (14808-60-7)		
Mexico	OEL TWA (mg/m³)	0.1 mg/m ³ (respirable fraction)
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
USA OSHA	OSHA PEL (STEL) (mg/m ³)	250 mppcf/%SiO ₂ +5, 10mg/m ³ /%SiO ₂ +2
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)
USA IDLH	US IDLH (mg/m ³)	50 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA (mg/m³)	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)

New Brunswick	OEL TWA (mg/m³)	0.1 mg/m ³ (respirable fraction)
Newfoundland & Labrador	OEL TWA (mg/m³)	0.025 mg/m ³ (respirable fraction)
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
Nunavut	OEL TWA (mg/m³)	0.1 mg/m ³ (respirable mass)
Northwest Territories	OEL TWA (mg/m ³)	0.1 mg/m ³ (respirable mass)
Ontario	OEL TWA (mg/m ³)	0.10 mg/m ³ (designated substances regulation-respirable)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
Québec	VEMP (mg/m ³)	0.1 mg/m ³ (respirable dust)
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m³)	300 particle/mL
Titanium dioxide (13463-67-	7)	
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ (total dust)
USA IDLH	US IDLH (mg/m ³)	5000 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL TWA (mg/m ³)	10 mg/m ³ (total dust)
Manitoba	OEL TWA (mg/m ³)	10 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m³)	10 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL TWA (mg/m ³)	5 mg/m ³ (respirable mass)
Northwest Territories	OEL TWA (mg/m ³)	5 mg/m ³ (respirable mass)
Ontario	OEL TWA (mg/m ³)	10 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	10 mg/m ³
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	30 mppcf

1-Methyl-2-pyrrolidone (872-50-4)		
Ontario	OEL TWA (mg/m³)	400 mg/m ³
Yukon	OEL STEL (mg/m ³)	500 mg/m ³
Yukon	OEL STEL (ppm)	125 ppm
Yukon	OEL TWA (mg/m³)	400 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm

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Exposure Controls

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Protective clothing. Gloves. Insufficient ventilation: wear respiratory protection. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

Thermal Hazard Protection: Wear suitable protective clothing. **Other Information:** When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	White, pebble gray, gray, beige
Odor	:	Methyl methacrylate, Light Floral Scent
Odor Threshold	:	Not available
рН	:	Not available
Evaporation Rate	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	Not available
Flash Point	:	10 °C (50.00 °F)
Auto-ignition Temperature	:	Not available
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not available
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	> 1000 hPa @50°C (122°F)
Relative Vapor Density at 20 °C	:	Not available
Relative Density	:	Not available
Specific gravity / density	:	0.97 - 1.4 g/l @21°C (69.8°F)
Specific Gravity	:	Not available
Solubility	:	Insoluble in water.
Partition Coefficient: N-octanol/water	:	Not available
Viscosity	:	25- 42 dPa*s @20°C (68°F)
Explosion Data – Sensitivity to Mechanical Impact	:	Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	:	Static discharge could act as an ignition source.

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SECTION 10: STABILITY AND REACTIVITY

<u>Reactivity</u>: Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities.

<u>Chemical Stability</u>: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

Possibility of Hazardous Reactions: Hazardous polymerization may occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Heat. Ignition sources. Incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

<u>Hazardous Decomposition Products</u>: Carbon oxides (CO, CO2). May release flammable gases. Toxic gases. Nitrogen oxides. Hydrocarbons. Methyl methacrylate. Oxides of titanium.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Harmful if swallowed.

LD50 and LC50 Data:

ProPaste, Pro Matrix

ATE US (oral)	1749.78 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: Not available

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation. May cause drowsiness or dizziness.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation. Exposure may produce an allergic reaction. May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes eye irritation.

Symptoms/Injuries After Ingestion: Swallowing a small quantity of this material will result in serious health hazard.

Chronic Symptoms: May damage fertility. May damage the unborn child. May cause heritable genetic damage. May cause cancer.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Methyl methacrylate (80-62-6)		
LD50 Oral Rat	7900 mg/kg	
LC50 Inhalation Rat	4632 ppm/4h	
2-Ethylhexyl acrylate (103-11-7)		
LD50 Oral Rat	4435 mg/kg	
LD50 Dermal Rabbit	7522 mg/kg	
Quartz (14808-60-7)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rat	> 5000 mg/kg	
Titanium dioxide (13463-67-7)		
LD50 Oral Rat	> 10000 mg/kg	

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1-Methyl-2-pyrrolidone (872-50-4)		
LD50 Oral Rat	4150 mg/kg	
LD50 Dermal Rabbit	> 5000 mg/kg	
LC50 Inhalation Rat	5.1 mg/l/4h	
Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rabbit	> 3160 mg/kg	
Solvent naphtha, petroleum, light aromatic (64742-95-6)		
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	3400 ppm/4h	
ATE US (gases)	3,400.00 ppmV/4h	
Methyl methacrylate (80-62-6)		
IARC Group	3	
2-Ethylhexyl acrylate (103-11-7)		
IARC Group	3	
Quartz (14808-60-7)		
IARC Group	1	
National Toxicity Program (NTP) Status	Known Human Carcinogens.	
Titanium dioxide (13463-67-7)		
IARC Group	2B	

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects.

Methyl methacrylate (80-62-6)		
LC50 Fish 1 243 - 275 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])		
EC50 Daphnia 1	EC50 Daphnia 1 69 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC 50 Fish 2 125.5 - 190.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		
2-Ethylhexyl acrylate (103-11-7)		
EC50 Daphnia 1 17.45 mg/l (Exposure time: 48 h - Species: Daphnia magna)		

1-Methyl-2-pyrrolidone (872-50-4)		
LC50 Fish 1 832 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
EC50 Daphnia 1	i0 Daphnia 1 4897 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC 50 Fish 2	1072 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
Solvent naphtha, petroleum, light aromatic (64742-95-6)		
LC50 Fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

Persistence and Degradability Not available

Bioaccumulative Potential		
ProPaste, Pro Matrix		
Bioaccumulative Potential	Not established.	
Methyl methacrylate (80-62-6)		
Log Pow	0.7	

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2-Ethylhexyl acrylate (103-11-7)		
Log Pow	4.64 (at 25 °C)	
1-Methyl-2-pyrrolidone (872-50-4)		
Log Pow	-0.46 (at 25 °C)	
Mobility in Soil Not available		

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT	
Proper Shipping Name	: PAINT
Hazard Class	: 3
Identification Number	: UN1263
Label Codes	: 3
Packing Group	: 11
ERG Number	: 128
In Accordance with IMDG	
Proper Shipping Name	: PAINT
Hazard Class	: 3
Identification Number	: UN1263
Packing Group	: 11
Label Codes	: 3
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
In Accordance with IATA	
Proper Shipping Name	: PAINT
Packing Group	: 11
Identification Number	: UN1263
Hazard Class	: 3
Label Codes	: 3
ERG Code (IATA)	: 3L
In Accordance with TDG	
Proper Shipping Name	: PAINT
Packing Group	: 11
Hazard Class	: 3
Identification Number	: UN1263
Label Codes	: 3









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SECTION 15: REGULATORY INFORMATION	
US Federal Regulations	
ProPaste, Pro Matrix	
SARA Section 311/312 Hazard Classes	Fire hazard
	Immediate (acute) health hazard
	Delayed (chronic) health hazard
2-Propanol, 1,1'-[(4-methylphenyl)imino]bis- (38668-48-3)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Methyl methacrylate (80-62-6)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Listed on United States SARA Section 313	1.0 %
SARA Section 313 - Emission Reporting	1.0 %
2-Ethylhexyl acrylate (103-11-7) Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Listed on the United States ISCA (Toxic Substances Control Act)	Inventory
Quartz (14808-60-7)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Titanium dioxide (13463-67-7)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
1-Methyl-2-pyrrolidone (872-50-4)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Listed on United States SARA Section 313	inventory
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test
	rule under TSCA.
SARA Section 313 - Emission Reporting	1.0 %
Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Solvent naphtha, petroleum, light aromatic (64742-95-6)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory
US State Regulations	
Quartz (14808-60-7)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of
	California to cause cancer.
Titanium dioxide (13463-67-7)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of
	California to cause cancer.
1-Methyl-2-pyrrolidone (872-50-4)	
U.S California - Proposition 65 - Developmental Toxicity	WARNING: This product contains chemicals known to the State of California to cause birth defects.
Methyl methacrylate (80-62-6)	
U.S California - Toxic Air Contaminant List (AB 1807, AB 2728) U.S Colorado - Hazardous Wastes - Discarded Chemical Produ U.S Connecticut - Hazardous Air Pollutants - HLVs (30 min) U.S Connecticut - Hazardous Air Pollutants - HLVs (8 hr)	
U.S Delaware - Pollutant Discharge Requirements - Reportable	e Quantities

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs) U.S. - Idaho - Occupational Exposure Limits - TWAs U.S. - Illinois - Toxic Air Contaminants U.S. - Louisiana - Reportable Quantity List for Pollutants U.S. - Maine - Air Pollutants - Hazardous Air Pollutants U.S. - Massachusetts - Allowable Ambient Limits (AALs) U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs) U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1 U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2 U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1 U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2 RTK - U.S. - Massachusetts - Right To Know List U.S. - Massachusetts - Threshold Effects Exposure Limits (TELs) U.S. - Massachusetts - Toxics Use Reduction Act U.S. - Michigan - Occupational Exposure Limits - TWAs U.S. - Michigan - Polluting Materials List U.S. - Minnesota - Chemicals of High Concern U.S. - Minnesota - Hazardous Substance List U.S. - Minnesota - Permissible Exposure Limits - TWAs U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances U.S. - New Jersey - Environmental Hazardous Substances List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Jersey - Special Health Hazards Substances List U.S. - New York - Occupational Exposure Limits - TWAs U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues U.S. - Oregon - Permissible Exposure Limits - TWAs RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List RTK - U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 24-Hour U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories U.S. - Tennessee - Occupational Exposure Limits - TWAs U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term U.S. - Vermont - Hazardous Waste - Hazardous Constituents U.S. - Vermont - Permissible Exposure Limits - TWAs U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List U.S. - Washington - Dangerous Waste - Discarded Chemical Products List U.S. - Washington - Permissible Exposure Limits - STELs U.S. - Washington - Permissible Exposure Limits - TWAs U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

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2-Ethylhexyl acrylate (103-11-7)

U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1

U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2

U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity

U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1

- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term

Quartz (14808-60-7)

U.S Idaho - Non-Carcinogenic Toxic Air Pollutants -	Acceptable Ambient Concentrations
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- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Occupational Exposure Limits Mineral Dusts
- U.S. Illinois Toxic Air Contaminant Carcinogens
- U.S. Illinois Toxic Air Contaminants
- U.S. Maine Chemicals of High Concern
- RTK U.S. Massachusetts Right To Know List
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Minnesota Chemicals of High Concern
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) Annual
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New York Occupational Exposure Limits Mineral Dusts
- U.S. New York Occupational Exposure Limits TWAs
- U.S. Oregon Permissible Exposure Limits Mineral Dusts
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Tennessee Occupational Exposure Limits TWAs
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- U.S. Vermont Permissible Exposure Limits TWAs
- U.S. Washington Permissible Exposure Limits STELs
- U.S. Washington Permissible Exposure Limits TWAs

Titanium dioxide (13463-67-7)

- U.S. Connecticut Hazardous Air Pollutants HLVs (30 min)
- U.S. Connecticut Hazardous Air Pollutants HLVs (8 hr)
- U.S. Idaho Occupational Exposure Limits TWAs
- U.S. Illinois Toxic Air Contaminant Carcinogens
- RTK U.S. Massachusetts Right To Know List
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Minnesota Chemicals of High Concern
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) Annual

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Satety Data Sneet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
RTK - U.S New Jersey - Right to Know Hazardous Substance List
U.S New York - Occupational Exposure Limits - TWAs
U.S North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S Oregon - Permissible Exposure Limits - TWAs
RTK - U.S Pennsylvania - RTK (Right to Know) List
U.S Tennessee - Occupational Exposure Limits - TWAs
U.S Texas - Effects Screening Levels - Long Term
U.S Texas - Effects Screening Levels - Short Term
U.S Vermont - Permissible Exposure Limits - TWAs
U.S Washington - Permissible Exposure Limits - STELs
U.S Washington - Permissible Exposure Limits - TWAs
1-Methyl-2-pyrrolidone (872-50-4)
U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S Maine - Chemicals of High Concern
RTK - U.S Massachusetts - Right To Know List
U.S Massachusetts - Toxics Use Reduction Act
U.S Minnesota - Chemicals of High Concern
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S New Jersey - Discharge Prevention - List of Hazardous Substances
U.S New Jersey - Environmental Hazardous Substances List
RTK - U.S New Jersey - Right to Know Hazardous Substance List
U.S New Jersey - Special Health Hazards Substances List
RTK - U.S Pennsylvania - RTK (Right to Know) List
U.S Texas - Effects Screening Levels - Long Term
U.S Texas - Effects Screening Levels - Short Term
Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)
U.S Maine - Chemicals of High Concern
U.S Minnesota - Chemicals of High Concern
U.S Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins
U.S Texas - Effects Screening Levels - Long Term U.S Texas - Effects Screening Levels - Short Term
Solvent naphtha, petroleum, light aromatic (64742-95-6)
U.S Texas - Effects Screening Levels - Long Term U.S Texas - Effects Screening Levels - Short Term
Canadian Regulations

Canadian Regulations

Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects	
	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Methyl methacrylate (80-62-6)

Listed on the Canadian DSL (Domestic Substances List) Listed on the Canadian IDL (Ingredient Disclosure List)

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2-Ethylhexyl acrylate (103-11- Listed on the Canadian DSL (D- Listed on the Canadian IDL (Inj IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (D- Listed on the Canadian IDL (Inj IDL Concentration 1 %	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List)
WHMIS Classification 2-Ethylhexyl acrylate (103-11- Listed on the Canadian DSL (D- Listed on the Canadian IDL (Ing IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (D- Listed on the Canadian IDL (Ing IDL Concentration 1 % WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects -7) omestic Substances List) gredient Disclosure List) Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List) gredient Disclosure List)
Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 %	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects -7) omestic Substances List) Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List) gredient Disclosure List)
Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 %	-7) romestic Substances List) gredient Disclosure List) Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects romestic Substances List) gredient Disclosure List)
Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 %	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List)
Listed on the Canadian IDL (Ing IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (De Listed on the Canadian IDL (Ing IDL Concentration 1 %	gredient Disclosure List) Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List) gredient Disclosure List)
IDL Concentration 1 % WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (Du Listed on the Canadian IDL (Ing IDL Concentration 1 %	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects comestic Substances List) gredient Disclosure List)
WHMIS Classification Quartz (14808-60-7) Listed on the Canadian DSL (Dr Listed on the Canadian IDL (Ing IDL Concentration 1 %	Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List) gredient Disclosure List)
Quartz (14808-60-7) Listed on the Canadian DSL (Du Listed on the Canadian IDL (Ing IDL Concentration 1 %	Class D Division 2 Subdivision B - Toxic material causing other toxic effects omestic Substances List) gredient Disclosure List)
Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 %	omestic Substances List) gredient Disclosure List)
Listed on the Canadian DSL (D Listed on the Canadian IDL (In IDL Concentration 1 %	gredient Disclosure List)
Listed on the Canadian IDL (In IDL Concentration 1 %	gredient Disclosure List)
IDL Concentration 1 %	
WHMIS Classification	
	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Titanium dioxide (13463-67-7	y)
Listed on the Canadian DSL (De	omestic Substances List)
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
1-Methyl-2-pyrrolidone (872-	-50-4)
Listed on the Canadian DSL (D	omestic Substances List)
WHMIS Classification	Class B Division 3 - Combustible Liquid
	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Naphtha, petroleum, hydrode	esulfurized heavy (64742-82-1)
Listed on the Canadian DSL (D	omestic Substances List)
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	Class B Division 2 - Flammable Liquid
Solvent naphtha, petroleum,	light aromatic (64742-95-6)
Listed on the Canadian DSL (D	omestic Substances List)
WHMIS Classification	Class B Division 3 - Combustible Liquid
	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Fatty acids, C18, unsaturated, (162627-17-0)	, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

зs contains all of the information required by CPR.

SECTIO	SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION		
Revisior	n Date	: 10/19/2022	
Other In	formation	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.	
GHS Ful	l Text Phrases:		
1	Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3	
/	Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4	

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Acute Tox. 4	Acute toxicity (inhalation:vapour) Category 4
(Inhalation:vapour)	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 1	Flammable liquids Category 1
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 1B	Reproductive toxicity Category 1B
Repr. 2	Reproductive toxicity Category 2
Resp. Sens. 1	Respiratory sensitization Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H224	Extremely flammable liquid and vapor
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
	May form combustible dust concentrations in air
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H319 H320	Causes eye irritation
H320 H332	Harmful if inhaled
H332 H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

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H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS