



## **Safety Data Sheet**

**Material Name:** Multi Purpose Duct Sealer

**Product Number:** MPGREGY

### **Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Material Name**

Multi Purpose Duct Sealer

**Synonyms**

Sealer

**Chemical Family**

Water based mastic

**Product Use**

Duct Sealant

**Restrictions on Use**

For industrial use only

**Manufacturer Information**

Trans Continental Equipment

1025 Butler

Montréal, Qc. Canada

H3K3E9

www.tce.ca

### **Section 2 - HAZARDS IDENTIFICATION**

**Classification in accordance with paragraph (d) of 29 (CFR) 1910.1200.**

Reproductive Toxicity - Category 1B

Specific Target ORgan Toxicity - Single Exposure - Category 1 (body, central nervous system, systemic toxicity and eyes)

Specific Target Organ Toxicity - Repeated Exposure - Category 1 (eyes, central nervous system)

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statement(s)**

May damage fertility or the unborn child.

Causes damage to organs

Causes damage to organs through prolonged or repeated exposure



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**Prevention**

Obtain special instructions before use  
 Do not inhale until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Do not breathe dust/fume/gas/mist/vapours/spray  
 Wash thoroughly after handling  
 Do not eat, drink or smoke when using this product

**Response**

If exposed: Call a POISON CENTER or doctor/physician  
 Get medical advice/attention if you feel unwell  
 Specific treatment (see label)

**Storage**

Store locked up

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

**Statement of Unknown Toxicity**

86.9402% of the mixture consists of ingredients of unknown acute toxicity

**Other Hazards**

No additional information available

**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

CAS	Component Name	Percent
Trade Secret	De-foaming agent	0, 1-1
Trade Secret	Nonylphenol polyethylene glycol ether	0, 1-1
Mixture	Polymer, ethyl acrylate and methacrylic acid	0, 5-1,5
Mixture	Polycarboxylate salt	0, 1-1
107-21-1	Ethylene glycol	0, 1-1
Mixture	Fuller's Earth	0,5-1,5
7664-41-7	Ammonia	0,1-1
1317-65-3	Limestone	15-40
Trade Secret	Clay compound	1-5
Mixture	4,4-Dimethyloxazolidine	0,1-1
Mixture	Carbamic acid mixture	0,1-1



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### Section 4 - FIRST AID MEASURES

#### **Description of Necessary Measures**

If exposed: Call a POISON CENTER or doctor/physician

#### **Inhalation**

Transport person outside or to fresh air and keep them comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER / doctor.

#### **Skin**

Wash exposed skin with soap and water. Remove contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice/attention.

#### **Eyes**

Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention

#### **Ingestion**

Do NOT induce vomiting. If swallowed, get medical attention.

#### **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically and supportively.

#### **Most Important Symptoms/Effects**

##### **Acute**

Causes damage to central nervous system, body, eyes, systemic toxicity.

##### **Delayed**

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure: eyes, central nervous system.

#### **Note to Physicians**

Contains: ethylene glycol, ammonia, methanol.

### Section 5 - FIRE FIGHTING MEASURES

#### **Extinguishing Media**

Use carbon dioxide, regular dry chemical, regular foam or water

#### **Unsuitable Extinguishing Media**

None known

#### **Special Hazards Arising from the Chemical**

Slight fire hazard. Sealed containers may rupture or explode if exposed to heat

#### **Hazardous Combustion Products**

Oxides of carbon, oxides of nitrogen, hydrocarbons



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### **Advice for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

### **Fire Fighting Measures**

Remove product from area of fire. Stay upwind and keep out of low areas.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up.**

Absorb with earth, sand or other non-combustible material and transfer to container. Dike for later disposal. Dispose in accordance with all applicable regulations.

### **Environmental Precautions**

Avoid release to the environment.

## Section 7 - HANDLING AND STORAGE

### **Precaution for Safe Handling**

This product contains crystalline silica, which is a known carcinogen: Do not grind or sand. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. KEEP OUT OF REACH OF CHILDREN.

### **Conditions for Safe Storage, Including any Incompatibilities**

Store Locked up

Store in a well-ventilated place. Store above 0 C. Store below 45 C. When not in use, keep containers tightly closed. Do not cut, puncture or weld near this container. Keep away from incompatible materials.

### **Incompatible Materials**

Strong acids, strong oxidizing agents



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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits**

<b>Ethylene glycol</b>	107-21-1
ACGIH	100 mg/m <sup>3</sup> Ceiling aerosol only
Europe	20 ppm TWA 52 mg/m <sup>3</sup> TWA - 40 ppm STEL 104 mg/m <sup>3</sup> STEL
	Possibility of significant uptake through the skin
Mexico	100 mg/m <sup>3</sup> Ceiling aerosol
<b>Ammonia</b>	7664-41-7
ACGIH	25 ppm TWA - 35 ppm STEL
NIOSH	25 ppm TWA 18 mg/m <sup>3</sup> TWA - 35 ppm STEL 27 mg/m <sup>3</sup> STEL
	300 ppm IDLH
Europe	20 ppm TWA 14 mg/m <sup>3</sup> TWA - 50 ppm STEL 36 mg/m <sup>3</sup> STEL
OSHA (U.S.)	50 ppm TWA 35 mg/m <sup>3</sup> TWA
Mexico	25 ppm TWA LMPE-PPT 18 mg/m <sup>3</sup> TWA LMPE-PPT / 35 ppm STEL [LMPE-CT] - 27 mg/m <sup>3</sup> STEL [LMPE-CT]
<b>Limestone</b>	1317-65-3
NIOSH	10 mg/m <sup>3</sup> TWA total dust - 5 mg/m <sup>3</sup> TWA breathable dust
OSHA U.S.)	15 mg/m <sup>3</sup> TWA total dust - 5 mg/m <sup>3</sup> TWA breathable dust
Mexico	10 mg/m <sup>3</sup> TWA LMPE-PPT - 20 mg/m <sup>3</sup> STEL (LMPE-CT)
<b>Clay compound</b>	Trade Secret
ACGIH	0.025 mg/m <sup>3</sup> TWA breathable fraction
NIOSH	0.05 mg/m <sup>3</sup> TWA breathable dust - 50 mg/m <sup>3</sup> IDLH breathable dust
OSHA (U.S.)	((30)/(%) SO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust ((250)/(%)SiO <sub>2</sub> + 5) mppcf TWA) breathable fraction ((10)/(%)SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA) breathable fraction
Mexico	0.1 mg/m <sup>3</sup> TWA LMPE-PPT breathable fraction
<b>Methanol</b>	67-56-1
ACGIH	300 ppm TWA - 250 ppm STEL
	Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH	200 ppm TWA 260 mg/m <sup>3</sup> TWA - 250 ppm STEL 325 mg/m <sup>3</sup> STEL
	Potential for dermal absorption
	6 000 ppm IDLH
EUROPE	200 ppm TWA 260 mg/m <sup>3</sup> TWA
	Possibility of significant uptake through the skin
OSHA (U.S.)	200 ppm TWA - 260 mg/m <sup>3</sup> TWA
Mexico	200 ppm TWA (LMPE-PPT) 260 mg/m <sup>3</sup> TWA (LMPE-PPT)
	250 ppm STEL (LMPE-CT) 310 mg/m <sup>3</sup> STEL (LMPE-CT)
	Skin - potential for cutaneous absorption



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**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Provide adequate ventilation. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Equipment**

**Eye/Face**

Wear safety glasses or safety goggles, with a faceshield, as appropriate. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate work clothing.

**Respiratory Protection**

A NIOSH approved respirator with dust, mist and fume filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits or when symptoms have been observed that are indicative of overexposure.

**Glove Recommendations**

Wear gloves. Recommended material type: Hycron(R), Neoprene and Nitrile.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	grey paste	<b>Physical state</b>	Solid
<b>Odor</b>	Slight ammonia	<b>Color</b>	Grey
<b>Odor Threshold</b>	Not available	<b>pH</b>	8.4-9.5
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	212 F
<b>Freezing Point</b>	Not available	<b>Evaporation Rate</b>	28-32% volatile
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not available	<b>Flash Point</b>	Not available
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	17 mmHg (@20 C)
<b>Vapor Density (air=1)</b>	<1	<b>Specific Gravity (water = 1)</b>	Not available
<b>Water Solubility</b>	Soluble	<b>Partition coefficient: noctanol/water</b>	Not available
<b>Viscosity</b>	>300 Keps	<b>Solubility (other)</b>	Not available
<b>Density</b>	1,34 - 1,41 (relative)	<b>VOC</b>	92 g/L

**Other Information**

No additional information available.



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### Section 10 - STABILITY AND REACTIVITY

#### **Reactivity**

No reactivity hazard is expected.

#### **Chemical Stability**

Stable under normal conditions of use.

#### **Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

#### **Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

#### **Incompatible Materials**

Strong acids, strong oxidizing agents.

#### **Hazardous decomposition products**

Oxides of carbon, oxides of nitrogen, hydrocarbons

### Section 11 - TOXICOLOGICAL INFORMATION

#### **Information on Likely Routes of Exposure**

##### **Inhalation**

May cause adverse effects on the central nervous system

##### **Skin Contact**

May cause mild skin irritation

##### **Eye Contact**

May cause mild eye irritation

##### **Ingestion**

Methanol can produce blindness with onset of symptoms being delayed for 18-24 hours.

#### **Acute and Chronic Toxicity**

##### **Component Analysis - LD50/LC50**

The components of this material have been reviewed in various source and the following selected endpoints are published:

Ethylene-vinyl acetate copolymer (Trade Secret)

Rat, oral, LD50>2 000 mg/kg

Epoxidized soybean oil (Trade Secret)

Rat, oral LD50>5 g/kg

Rabbit, dermal LD50>20 ml/kg

De-Foaming agent (Trade Secret)

Oral, LD50 : > 2 000 mg/kg



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Nonyphenol polyethylene glycol ether (Trade Secret)

Rat, oral, LD50 : 2 780 mg/kg

Chlorinated Paraffins (Trade Secret)

Rat, oral LD50 > 4 g/kg

Polymer, ethyl acrylate and methacrylic acid (Mixture)

Rat, oral, LD50>5 000 mg/kg

Rabbit, dermal, LD>5 000 mg/kg

Polycarboxylate salt (Mixture)

Rat, oral, LD50 >5 000 mg/kg

Rabbit, dermal, LD50>2 000 mg/kg

Ethylene glycol (107-21-1)

Rat, oral, LD50 : 4 700 mg/kg

Rat, dermal, LD50: 10 600 mg/kg

Rat, LC50 >200 mg/m<sup>3</sup> vapor 4 h

Ammonia (7664-41-7)

Rat, oral, LD50 : 350 mg/kg

Rat, inhalation, LC50 : 2 000 ppm, 4 h

Limestone (1317-65-3)

Rat, oral, LD50 : 6 450 mg/kg

Clay compound (Trade Secret)

Rat, oral, LD50 : 500 mg/kg

Méthanol (67-56-1)

Rat, oral, LD50 : 6 200 mg/kg

Rat, inhalation, LC50 : 22 500 ppm, 8 h

4,4-Dimethyloxazolidine (Mixture)

Rat, oral, LD50 : 1 037 mg/kg

Rat, Dermal, LD50 > 2 000 mg/kg

Rat, inhalation, LC50 : 1,1 mg/ L 4 h

Carbamic acid mixture (Mixture)

Rat, oral, LD50 : 2 000 mg/kg

Rabbit, dermal, LD50 > 2 000 mg/kg

Rat, inhalation, LC50 : 2,04 mg/1 4 heures

### **Immediate Effects**

Causes damage to central nervous system, body, eyes, systemic toxicity.

### **Delayed Effects**

May damage fertility or the unborn child. Causes damage to organs through prolonged repeated exposure: eyes, central nervous system.





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**Irritation / Corrosivity Date**

May cause mild skin irritation. May cause mild eye irritation.

**Respiratory Sensitization**

No data available

**Dermal Sensitization**

No data available

**Component Carcinogenicity**

<b>Chlorinated paraffins</b>	<b>Trade Secret</b>
IARC:	Monograph 48 [1990] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 3B (could be carcinogenic for man)
OSHA	Present
<b>Ethylene Glycol</b>	107-21-1
ACGIH:	A4 - Not classifiable as a human carcinogen
<b>Clay compound</b>	<b>Trade Secret</b>
ACGIH:	A2- Suspected human carcinogen
IARC:	Monograph 100C [2012]; Monograph 68 [1997] (Group 1 (carcinogenic to humans))
NTP:	Known human carcinogen (respirable size)
DFG:	Category 1 (causes cancer in man, aveola fraction)
OSHA	Present (respirable size)

**Germ Cell Mutagenicity**

No data available

**Reproductive Toxicity**

May damage fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**

Central nervous system, body, systemic toxicity, eyes

**Specific Target Organ Toxicity - Repeated Exposure**

Central nervous system, eyes

**Aspiration Hazard**

No data available

**Medical Conditions Aggravated by Exposure**

No data available

**Additional Data**

This product contains crystalline silica, which is a known carcinogen. However, this component is bound by the polymer portion of the sealant. The only way this component would be released is through incineration. Therefore, this product is not considered a carcinogen.



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### Section 12 - ECOLOGICAL INFORMATION

**Ecotoxicity**

**Avoid release to the environment**

<b>Ethylene-Vinyl acetate copolymer</b>	Trade Secret
Fish:	LC50 96 hr Cyprinus carpio > 1000 mg/L
<b>Epoxidized soybean oil</b>	Trade Secret
Fish:	LC50 : 48 hr 900 mg/L
Algae:	EC50 : 72 hr Desmodedesmus subspicatus 8 mg/L IUCLID
Invertebrate:	EC50 24 hr Daphnia > 100 mg/L
<b>Chlorinated Paraffins</b>	Trade Secret
Fish:	LC50 : 96 h Lepomis macrochirus > 300 mg/L [static] LC50 96 h Oncorhynchus mykiss > 0.0109 mg/L [flow-through] LC50 96 h Oncorhynchus mykiss 94.5 - 271 mg/L [static] LC50 96 h Lepomis macrochirus > 0.1 mg/L [flow-through] LC50 96 h Pimephales promelas > 100 mg/L [static]
Invertebrate:	EC50 48 hr Daphnia magna 0.0059 mg/L
<b>Polymere, ethyl acrylate and methacrylic acid</b>	Mixture
Fish:	LC50 96 h Pimephales promelas > 1000 mg/L
Invertebrate:	EC50 48 h Daphnia magna > 1000 mg/L
<b>Ethylene Glycol</b>	107-21-1
Fish:	LC50 96 h Oncorhynchus mykiss 41000 mg/L LC50 96 h Oncorhynchus mykiss 14 - 18 ml/L [static] LC50 96 h Lepomis macrochirus 27540 mg/L [static] LC50 96 h Oncorhynchus mykiss 40761 LC50 96 h Pimephales promelas 40000-60000 mg/L [static] LC50 96 h Poecilia reticulata 16000 mg/L [static]
Algae:	EC50 96 h Pseudokirchneriella subcapitata 6500 - 13000 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 46 300 mg/L IUCLID
<b>Ammonia</b>	7664-41-7
Fish:	LC50 96 h Cyprinus carpio 0.44 mg/L LC50 96 h Lepomis macrochirus 0.26 - 4.6 mg/L LC50 96 h Lepomis macrochirus 1.17 mg/L [Flow-Through] LC50 96 h Pimephales promelas 0.73 - 2.35 mg/L LC50 96 h Pimephales promelas 5.9 mg/L [static] LC50 96 h Poecilia reticulata > 1.5 mg/L LC50 96 h Poecilia reticulata 1.19 mg/L [static]
Invertebrate:	LC50 48 h Daphnia magna 25.4 mg/L IUCLID
<b>Methanol</b>	67-56-1
Fish:	LC50 96 h Pimephales promelas 28200 mg/L [flow-through] LC50 96 h Pimephales promelas > 100 mg/L [flow-through] LC50 96 h Oncorhynchus mykiss 19500 - 20700 mg/L [flow-through] LC50 96 h Oncorhynchus mykiss 18 - 20 ml/L [static] LC50 96 h Lepomis macrochirus 13500 - 17600 mg/L [flow-through]
<b>4,4-Dimethyloxazolidine</b>	Mixture
Fish:	LC50 96 h Rainbow Trout 95 mg/L [flow-through]



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**Persistence and Degradability**

No information available for this product

**Bioaccumulative Potential**

No information available for this product

**Mobility**

No information available for this product

**Other Toxicity**

No additional information available

### **Section 13 - DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose of contents/container in accordance with local/regional/national/international regulations

### **Section 14 - TRANSPORT INFORMATION**

**US DOT & TC Information**

UN/NA# : Not regulated

**IATA Information**

UN#: Not regulated

**IMDG Information**

UN#: Not regulated

**TDG Information**

UN#: Not regulated

### **Section 15 - REGULATORY INFORMATION**

**U.S. Federal Regulations**

This material contains one or more of the following chemicals required to be identified under SARA section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b) and/or require an OSHA process safety plan.



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<b>Ethylene glycol</b>		107-21-1
	SARA 313:	1% minimis concentration
	CERCLA:	5 000 lb QD 2 270 kg QD
<b>Ammonia</b>		7664-41-7
	SARA 302:	500 lb TPQ
	SARA 313:	1% de minimis concentration (includes anhydrous Ammonia and aqueous Ammonia from water dissociable Ammonium salts and other sources, 10% of total aqueous Ammonia is reportable under this listing)
	OSHA (safety):	10000 lb final RQ; 45.4 kg final RQ
	SARA304:	100 lb EPCRA RQ
<b>Methanol</b>		67-56-1
	SARA 313:	1% de minimis concentration
	CERCLA:	5 000 lb RQ 2 270 kg RQ
<b>Carbamic Acid Mixture</b>		Mixture
	CERCLA:	10 lb final RQ; 4.54 kg final RQ

**SARA sections 311/312 (40 CFR 370 subparts B and C)**

**Acute Health:** yes **Chronic Health:** yes **Fire:** no **Pressure:** no **Reactivity:** no

**U.S. State Regulations**

The following components appear on one of more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
<b>Chlorinated paraffins</b>	Trade Secret	No	Yes	No	No	No
<b>Ethylene Glycol</b>	107-21-1	Yes	Yes	Yes	Yes	Yes
<b>Ammonia</b>	7664-41-7	Yes	Yes	Yes	Yes	Yes
<b>Limestone</b>	1317-65-3	No	Yes	Yes	Yes	Yes
<b>Clay compound</b>	Trade Secret	No	Yes	Yes	Yes	Yes
<b>Methanol</b>	67-56-1	Yes	Yes	Yes	Yes	Yes
<b>Carabamic acid mixture</b>	Mixture	No	No	No	Yes	No

**The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

WARNING! This product contains a chemical known to the state of California to cause cancer  
 WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

<b>Clay compound</b>	Trade Secret
<b>Carc:</b>	Carcinogen, initial date 10/1/88 (airborne particles of respirable size)
<b>Methanol</b>	67-56-1
<b>Repro/Dev. Tox</b>	Developmental toxicity initial date 3/16/12



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### Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

<b>Ethylene Glycol</b>	107-21-1
	1%
<b>Ammonia</b>	7664-41-7
	1%
<b>Clay compound</b>	Trade Secret
	1%
<b>Methanol</b>	67-56-1
	1%

### Component Analysis - Inventory

Ethylene-vinyl acetate copolymer (Trade Secret)

UC	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	ELN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Epoxidized soybean oil (Trade Secret)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes

Nonyphenol polyethylene glycol ether (Trade Secret)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Chlorinated paraffins (Trade Secret)

US	CN	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Polymer, ethyl acrylate and methacrylic acid (Mixture)

US	CN	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes



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Ethylene glycol (107-21-1)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Fuller's earth (Mixture)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Ammonia (7664-41-7)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Limestone (1317-65-3)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	NSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Clay Compound (Trade Secret)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Kaolin, calcined (Trade Secret)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Methanol (67-56-1)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

4,4-Dimethyloxazolidine (Mixture)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

Carbamic acid mixture (Mixture)

US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR-KECI/KECL	KR-TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes



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### Section 16 - OTHER INFORMATION

#### **HMIS Rating**

Health: 1\* Fire : 0 Reactivity: 0

Hazard Scale: 0=Minimal - 1=Slight - 2=Moderate - 3=Serious - 4=Severe - \*=Chronic Hazard

#### **NFPA Ratings**

Health: 1\* Fire : 0 Reactivity: 0

Hazard Scale: 0=Minimal - 1=Slight - 2=Moderate - 3=Serious - 4=Severe

#### **Summary of Changes**

Revision Date : January 10 2019

Revision Note : General Update

#### **Disclaimer:**

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