

## Safety Data Sheet

Material Name: RE-500 White

Product #: 319023

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

RE-500 White

**Synonyms**

Water-Based Vapor Barrier/ Lagging Insulation Sealant

**Chemical Family**

Sealant

**Product Use**Coating for foam insulation; Sealer for cut ends of fibrous glass duct liner and wrapped duct insulation;  
Vapor barrier for liquid chiller; Steam piping insulation applications**Restrictions on Use**

For use in industrial installations only.

**Manufacturer Information**Carlisle HVAC Products  
900 Hensley Lane  
Wylie, TX 75098  
www.carlislehvac.com**Medical Emergency:****CHEMTREC (USA): (800) 424-9300**

MSDS Assistance – 972-442-6545

Technical Assistance – 888-229-2199

Customer Service – 888-229-0199– 888-229-0199

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### Section 2 - HAZARDS IDENTIFICATION

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

Reproductive Toxicity - Category 1B

Specific Target Organ Toxicity - Repeated Exposure - Category 1 (lungs)

**GHS Label Elements****Symbol(s)****Signal Word**

Danger

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**Hazard Statement(s)**

May damage fertility or the unborn child  
 Causes damage to organs through prolonged or repeated exposure

**Precautionary Statement(s)**

**Prevention**

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/vapours/spray  
 Wash thoroughly after handling  
 Do not eat, drink or smoke when using this product

**Response**

IF exposed or concerned: Get medical advice/attention

**Storage**

Store locked up

**Disposal**

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

**Statement of Unknown Toxicity**

78.9502% of the mixture consists of ingredient(s) 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	1-5
7664-41-7	Ammonia	0.1-1
Mixture	Polycarboxylate salt	0.1-1
107-21-1	Ethylene glycol	0.1-1
Mixture	1,2-Benzisothiazolin-3-one mixture	0.1-1
Trade Secret	Aluminum trihydroxide	7-13
Mixture	Carbamic acid mixture	0.1-1

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Trade Secret	Acrylic resin	1-5
1317-65-3	Limestone	1-5
Mixture	Titanium dioxide	1-5

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### Section 4 - FIRST AID MEASURES

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#### Description of Necessary Measures

If exposed or concerned: Call a POISON CENTER or doctor/physician.

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical attention, if needed.

#### 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

Flush eyes with plenty of 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

May cause mild eye irritation.

##### Delayed

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure: lungs.

#### Note to Physicians

Contains: ethylene glycol, ammonia.

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### Section 5 - FIRE FIGHTING MEASURES

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#### Extinguishing Media

##### Suitable Extinguishing Media

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

##### Unsuitable Extinguishing Media

None reported.

#### Special Hazards Arising from the Chemical

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

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### Hazardous Combustion Products

Oxides of carbon, oxides of nitrogen, hydrocarbons

### 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.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### 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.

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## Section 7 - HANDLING AND STORAGE

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### Precautions 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. Avoid contact with eyes, skin and clothing. Do not breathe dust/fume/gas/mist/vapors/spray. 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 on or 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

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### Component Exposure Limits

Ammonia	7664-41-7	
ACGIH:	25 ppm TWA	35 ppm STEL

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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 (US):	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>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>Limestone</b>	1317-65-3	
NIOSH:	10 mg/m <sup>3</sup> TWA total dust; 5 mg/m <sup>3</sup> TWA respirable dust	
OSHA (US):	15 mg/m <sup>3</sup> TWA total dust; 5 mg/m <sup>3</sup> TWA respirable fraction	
Mexico:	10 mg/m <sup>3</sup> TWA LMPE-PPT	20 mg/m <sup>3</sup> STEL [LMPE-CT]
<b>Titanium dioxide</b>	Mixture	
ACGIH:	10 mg/m <sup>3</sup> TWA	
NIOSH:	5000 mg/m <sup>3</sup> IDLH	
OSHA (US):	15 mg/m <sup>3</sup> TWA total dust	
Mexico:	10 mg/m <sup>3</sup> TWA LMPE-PPT as Ti	20 mg/m <sup>3</sup> STEL [LMPE-CT] as Ti
<b>Silica, amorphous</b>	7631-86-9	
NIOSH:	6 mg/m <sup>3</sup> TWA	3000 mg/m <sup>3</sup> IDLH
OSHA (US):	20 mppcf TWA; ((80)/(% SiO <sub>2</sub> )) mg/m <sup>3</sup> TWA)	

**Biological limit value**

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

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**Engineering Controls**

Provide adequate ventilation. Ensure compliance with applicable exposure limits.

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

**Eye/face protection**

Wear splash resistant safety goggles. Provide an emergency eye wash fountain in the immediate work area.

**Skin Protection**

Wear appropriate work clothing.

**Respiratory Protection**

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Glove Recommendations**

Wear protective gloves. Recommended material: Hycron(R), neoprene, nitrile.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	white latex	<b>Physical State</b>	liquid
<b>Odor</b>	Slight, ammonia	<b>Color</b>	white
<b>Odor Threshold</b>	Not available	<b>pH</b>	9 - 9.5
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	212 °F
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	42 - 46 % 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: n-octanol/water</b>	Not available
<b>Viscosity</b>	>20 Kcps (@ 77 °F)	<b>Solubility (Other)</b>	Not available
<b>Density</b>	1.19 (relative)	<b>VOC</b>	13 g/L (water excluded)

**Other Information**

No additional information available.

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### Section 10 - STABILITY AND REACTIVITY

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#### 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

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### Section 11 - TOXICOLOGICAL INFORMATION

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#### Information on Likely Routes of Exposure

##### Inhalation

High concentrations may cause irritation of the respiratory tract. Causes damage to organs through prolonged or repeated exposure: lungs.

##### Skin Contact

May cause mild skin irritation.

##### Eye Contact

May cause mild eye irritation.

##### Ingestion

Large doses may cause central nervous system stimulation followed by depression.

#### Acute and Chronic Toxicity

##### Component Analysis - LD50/LC50

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

Ethylene-vinyl acetate copolymer (Trade Secret)

Oral LD50 Rat >2000 mg/kg

De-foaming agent (Trade Secret)

Oral LD50 >2000 mg/kg

Nonylphenol polyethylene glycol ether (Trade Secret)

Oral LD50 Rat 2780 mg/kg

Chlorinated paraffins (Trade Secret)

Oral LD50 Rat >4 g/kg

Polymer, ethyl acrylate and methacrylic acid (Mixture)

Oral LD50 Rat >5000 mg/kg

Dermal LD50 Rabbit >5000 mg/kg

Ammonia (7664-41-7)

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- Oral LD50 Rat 350 mg/kg
- Inhalation LC50 Rat 2000 ppm 4 h
- Polycarboxylate salt (Mixture)
  - Oral LD50 Rat >5000 mg/kg
  - Dermal LD50 Rabbit >2000 mg/kg
- Ethylene glycol (107-21-1)
  - Oral LD50 Rat 4700 mg/kg
  - Dermal LD50 Rat 10600 mg/kg
  - Inhalation LC50 Rat >200 mg/m<sup>3</sup> vapor 4 hr
- 1,2-Benzisothiazolin-3-one mixture (Mixture)
  - Oral LD50 Rat 2342 mg/kg
  - Dermal LD50 Rabbit >5000 mg/kg
  - Inhalation LC50 Rat 900 mg/m<sup>3</sup> 4 hr
- Aluminum trihydroxide (Trade Secret)
  - Oral LD50 Rat >5000 mg/kg
- Carbamic acid mixture (Mixture)
  - Oral LD50 Rat >2000 mg/kg
  - Dermal LD50 Rabbit >2000 mg/kg
  - Inhalation LC50 Rat >2.04 mg/L 4 hr
- Limestone (1317-65-3)
  - Oral LD50 Rat 6450 mg/kg
- Titanium dioxide (Mixture)
  - Oral LD50 Rat >25 g/kg
  - Dermal LD50 Rabbit >10 g/kg
  - Inhalation LC50 Rat >6.82 mg/L 4 hr
- Silica, amorphous (7631-86-9)
  - Oral LD50 Rat >5000 mg/kg
  - Dermal LD50 Rabbit >2000 mg/kg
  - Inhalation LC50 Rat >2.2 mg/L 1 hr

**Immediate Effects**

May cause mild eye irritation.

**Delayed Effects**

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure: lungs.

**Irritation/Corrosivity Data**

May cause mild eye irritation.

**Respiratory Sensitization**

No data available.

**Dermal Sensitization**

No data available.

**Component Carcinogenicity**

<b>Chlorinated paraffins</b>	Trade Secret
IARC:	Monograph 48 [1990] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 3B (could be carcinogenic for man)



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OSHA:	Present
<b>Ethylene glycol</b>	107-21-1
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
<b>Titanium dioxide</b>	Mixture
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 93 [2010]; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)
OSHA:	Present
<b>Silica, amorphous</b>	7631-86-9
IARC:	Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))

**Germ Cell Mutagenicity**

No data available.

**Reproductive Toxicity**

May damage fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

**Specific Target Organ Toxicity - Repeated Exposure**

lungs

**Aspiration hazard**

No data available.

**Medical Conditions Aggravated by Exposure**

No data available.

**Additional Data**

No additional information available.

**Section 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity**

Avoid release to the environment.

**Component Analysis - Aquatic Toxicity**

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<b>Ethylene-vinyl acetate copolymer</b>	Trade Secret
Fish:	LC50 96 hr Cyprinus carpio >1000 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>Polymer, ethyl acrylate and methacrylic acid</b>	Mixture
Fish:	LC50 96 hr Pimephales promelas >1000 mg/L
Invertebrate:	EC50 48 hr Daphnia magna >1000 mg/L
<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>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 mg/L [static]; 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 46300 mg/L IUCLID

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<b>1,2-Benzisothiazolin-3-one mixture</b>	Mixture
Fish:	LC50 96 hr Rainbow trout 21 mg/L [flow-through]
Invertebrate:	EC50 48 hr Daphnia magna 26 mg/L
<b>Silica, amorphous</b>	7631-86-9
Fish:	LC50 96 h Brachydanio rerio 5000 mg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 440 mg/L IUCLID
Invertebrate:	EC50 48 h Ceriodaphnia dubia 7600 mg/L IUCLID

### Persistence and Degradability

No information available for the product.

### Bioaccumulative Potential

No information available for the product.

### Mobility

No information available for the product.

### Other Toxicity

No additional information available.

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## Section 13 - DISPOSAL CONSIDERATIONS

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### Disposal Methods

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

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## Section 14 - TRANSPORT INFORMATION

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### US DOT Information:

UN/NA #: Not regulated

### IATA Information:

UN#: Not regulated

### IMDG Information:

UN#: Not regulated

### TDG Information:

UN#: Not regulated

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### 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.

Ammonia	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)
CERCLA:	100 lb final RQ; 45.4 kg final RQ
OSHA (safety):	10000 lb TQ anhydrous); 15000 lb TQ solution, >44% Ammonia by weight)
SARA 304:	100 lb EPCRA RQ
Ethylene glycol	107-21-1
SARA 313:	1 % de minimis concentration
CERCLA:	5000 lb final RQ; 2270 kg final RQ
Carbamic acid mixture	Mixture
CERCLA:	10 lb final RQ; 4.54 kg final RQ

**SARA Section 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 or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Chlorinated paraffins	Trade Secret	No	Yes	No	No	No
Ammonia	7664-41-7	Yes	Yes	Yes	Yes	Yes
Ethylene glycol	107-21-1	Yes	Yes	Yes	Yes	Yes
Carbamic acid mixture	Mixture	No	No	No	Yes	No
Limestone	1317-65-3	No	Yes	Yes	Yes	Yes
Titanium dioxide	Mixture	No	Yes	Yes	Yes	Yes
Silica, amorphous	7631-86-9	Yes	Yes	Yes	Yes	Yes

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**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

Titanium dioxide	Mixture
Carc:	carcinogen , 9/2/2011 (airborne, unbound particles of respirable size)

**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

Ammonia	7664-41-7
	1 %
Ethylene glycol	107-21-1
	1 %
Silica, amorphous	7631-86-9
	1 %

**Component Analysis - Inventory**

Ethylene-vinyl acetate copolymer (Trade Secret)

US	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

Nonylphenol 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	No

Chlorinated paraffins (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

Polymer, ethyl acrylate and methacrylic acid (Mixture)

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

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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

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

1,2-Benzisothiazolin-3-one 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	No	Yes	No	Yes	Yes	Yes

Aluminum trihydroxide (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

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

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

Titanium dioxide (Mixture)

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

Silica, amorphous (7631-86-9)

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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

### 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**

New SDS: April 22, 2015

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

**Other Information**



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**Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use