







Material Name: Coil-Tack W (White)

Product #:308580-5 gal 308581-50 gal

#### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name** 

Coil-Tack W (White)

**Synonyms** 

Water-based Adhesive

**Chemical Family** 

Adhesive

**Product Use** 

Water based Adhesive

**Restrictions on Use** 

For industrial use 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

#### Section 2 - HAZARDS IDENTIFICATION

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

Reproductive Toxicity - Category 1B

**GHS Label Elements** 

Symbol(s)



Signal Word

Danger

**Hazard Statement(s)** 

May damage fertility or the unborn child

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#### **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

#### Response

IF exposed or concerned: Get medical advice/attention

Store locked up

#### **Disposal**

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

#### **Other Hazards**

No additional information available.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
Mixture	Polymer, ethyl acrylate and methacrylic acid	1-5
Trade Secret	De-foaming agent	0.1-1
7664-41-7	Ammonia	0.1-1
107-21-1	Ethylene glycol	0.1-1
Mixture	Polymer, vinyl acetate and vinyl acetate-acrylic	5-10
Trade Secret	Clay compound	0.1-1
1317-65-3	Limestone	10-30
67-56-1	Methanol	0.1-1
Mixture	4,4-Dimethyloxazolidine	0.1-1
Trade Secret	Carbamic acid mixture	0.1-1
Mixture	Polycarboxylate salt	0.1-1
Mixture	Titanium dioxide	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

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

#### Skin

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

#### Eves

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

May cause mild eye irritation.

#### **Delayed**

May damage fertility or the unborn child.

#### **Note to Physicians**

Contains: ethylene glycol, ammonia, methanol.

#### Section 5 - FIRE FIGHTING MEASURES

#### **Extinguishing Media**

#### **Suitable 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

#### **Advice for firefighters**

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

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#### **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

#### **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. 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 above 0 C. Store below 45 C. Do not cut, puncture, or weld on or near this container. Avoid contact with incompatible materials.

#### **Incompatible Materials**

Strong acids, strong oxidizing agents

#### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Component Exposure Limits**

Ammonia	7664-41-7		
ACGIH:	25 ppm TWA	35 ppm STEL	
NIOSH:	25 ppm TWA; 18 mg/m3 TWA 35 ppm STEL; 27 mg/m3 STEL		
	300 ppm IDLH		
Europe:	20 ppm TWA; 14 mg/m3 TWA	50 ppm STEL; 36 mg/m3 STEL	

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OSHA (US):	50 ppm TWA; 35 mg/m3 TWA		
Mexico:	25 ppm TWA LMPE-PPT; 18 mg/m3 TWA LMPE-PPT		
	35 ppm STEL [LMPE-CT]; 27 mg/m3 STEL [LMPE-CT]		
Ethylene glycol	107-21-1		
ACGIH:	100 mg/m3 Ceiling aerosol only		
Europe:	20 ppm TWA; 52 mg/m3 TWA	40 ppm STEL; 104 mg/m3 STEL	
	Possibility of significant uptake through	n the skin	
Mexico:	100 mg/m3 Ceiling aerosol		
Clay compound	Trade Secret		
ACGIH:	0.025 mg/m3 TWA respirable fraction		
NIOSH:	0.05 mg/m3 TWA respirable dust	50 mg/m3 IDLH respirable dust	
OSHA (US):	((30)/(%SiO2 + 2) mg/m3 TWA) total dust; ((250)/(%SiO2 + 5) mppcf TWA) respirable fraction; ((10)/(%SiO2 + 2) mg/m3 TWA) respirable fraction		
Mexico:	0.1 mg/m3 TWA LMPE-PPT respirable fraction		
Limestone	1317-65-3		
NIOSH:	10 mg/m3 TWA total dust; 5 mg/m3 TWA respirable dust		
OSHA (US):	15 mg/m3 TWA total dust; 5 mg/m3 TV	WA respirable fraction	
Mexico:	10 mg/m3 TWA LMPE-PPT 20 mg/m3 STEL [LMPE-CT]		
Methanol	67-56-1		
ACGIH:	200 ppm TWA	250 ppm STEL	
1	Skin - potential significant contribution to overall exposure by the cutaneous route		
NIOSH:	200 ppm TWA; 260 mg/m3 TWA	250 ppm STEL; 325 mg/m3 STEL	
	Potential for dermal absorption	1	
	6000 ppm IDLH		

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Europe:	200 ppm TWA; 260 mg/m3 TWA		
	Possibility of significant uptake through the skin		
OSHA (US):	200 ppm TWA; 260 mg/m3 TWA		
Mexico:	200 ppm TWA LMPE-PPT; 260 mg/m3	TWA LMPE-PPT	
	250 ppm STEL [LMPE-CT]; 310 mg/m3	STEL [LMPE-CT]	
	Skin - potential for cutaneous absorption		
Titanium dioxide	Mixture		
ACGIH:	10 mg/m3 TWA		
NIOSH:	5000 mg/m3 IDLH		
OSHA (US):	15 mg/m3 TWA total dust		
Mexico:	10 mg/m3 TWA LMPE-PPT as Ti 20 mg/m3 STEL [LMPE-CT] as Ti		
Silica, amorphous	7631-86-9		
NIOSH:	6 mg/m3 TWA	3000 mg/m3 IDLH	
OSHA (US):	20 mppcf TWA; ((80)/(% SiO2) mg/m3 TWA)		

#### **Biological limit value**

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

#### **Engineering Controls**

Ensure adequate ventilation. Ensure compliance with applicable exposure limits.

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

#### **Eye/face protection**

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 a 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 appropriate gloves. Recommended material type: Hycron(R), neoprene, nitrile.

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#### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white latex	Physical State	liquid	
Odor	Slight,ammonia	Color	white	
Odor Threshold	Not available	pH	8 - 9	
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	212 °F	
Freezing point	Not available	<b>Evaporation Rate</b>	60 - 64 % volatile	
<b>Boiling Point Range</b>	Not available	Flammability (solid, gas)	Not available	
Autoignition	Not available	Flash Point	Not available	
Lower Explosive Limit	Not available	Decomposition	Not available	
Upper Explosive Limit	Not available	Vapor Pressure	17 mmHg (@ 20 °C)	
Vapor Density (air=1)	<1	Specific Gravity (water=1)	Not available	
Water Solubility	Soluble	Partition coefficient: n-octanol/water	Not available	
Viscosity	13 - 15 Kcps	Solubility (Other)	Not available	
Density	1.22 (relative)	voc	71 g/L (water excluded)	

#### **Other Information**

No additional information available.

## 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**

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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 respiratory irritation.

#### **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 sources and the following selected endpoints are published:

Polymer, ethyl acrylate and methacrylic acid (Mixture)

Oral LD50 Rat >5000 mg/kg

Dermal LD50 Rabbit >5000 mg/kg

De-foaming agent (Trade Secret)

Oral LD50 > 2000 mg/kg

Chlorinated paraffins (Trade Secret)

Oral LD50 Rat >4 g/kg

Ammonia (7664-41-7)

Oral LD50 Rat 350 mg/kg

Inhalation LC50 Rat 2000 ppm 4 h

Ethylene glycol (107-21-1)

Oral LD50 Rat 4700 mg/kg

Dermal LD50 Rat 10600 mg/kg

Inhalation LC50 Rat >200 mg/m3 vapor 4 hr

Polymer, vinyl acetate and vinyl acetate-acrylic (Mixture)

Oral LD50 Rat >5000 mg/kg

Dermal LD50 Rat >2000 mg/kg

Clay compound (Trade Secret)

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Oral LD50 Rat 500 mg/kg

Limestone (1317-65-3) Oral LD50 Rat 6450 mg/kg

Methanol (67-56-1)

Oral LD50 Rat 6200 mg/kg Inhalation LC50 Rat 22500 ppm 8 h

4,4-Dimethyloxazolidine (Mixture)

Oral LD50 Rat 1037 mg/kg Dermal LD50 Rat >2000 mg/kg Inhalation LC50 Rat 1.1 mg/L 4 hr

Carbamic acid mixture (Trade Secret)

Oral LD50 Rat >2000 mg/kg Dermal LD50 Rabbit >2000 mg/kg Inhalation LC50 Rat >2.04 mg/L 4 hr

Polycarboxylate salt (Mixture)

Oral LD50 Rat >5000 mg/kg Dermal LD50 Rabbit >2000 mg/kg Inhalation LC50 Rat >5.1 mg/L mist

Octylphenol ethoxylate (Trade Secret)

Oral LD50 Rat 2800 mg/kg

Titanium dioxide (Mixture)

Oral LD50 Rat >25 g/kg Dermal LD50 Rabbit >10 g/kg Inhalation LC50 Rat >6.82 mg/L

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 h

#### **Immediate Effects**

May cause mild eye irritation.

#### **Delayed Effects**

May damage fertility or the unborn child.

#### **Irritation/Corrosivity Data**

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

#### **Respiratory Sensitization**

No data available.

#### **Dermal Sensitization**

No data available.

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### **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)	
OSHA:	Present	
Ethylene glycol	107-21-1	
ACGIH:	A4 - Not Classifiable as a Human Carcinogen	
Clay compound	Trade Secret	
ACGIH:		
ACOIN.	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, alveola fraction)	
OSHA:	Present (respirable size)	
Titanium dioxide	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	
Silica, amorphous	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.

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**Specific Target Organ Toxicity - Single Exposure** 

No target organs identified.

**Specific Target Organ Toxicity - Repeated Exposure** 

No target organs identified.

**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.

#### Section 12 - ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Avoid release to the environment.

#### **Component Analysis - Aquatic Toxicity**

Polymer, ethyl acrylate and methacrylic acid	Mixture	
Fish:	LC50 96 hr Pimephales promelas >1000 mg/L	
Invertebrate:	EC50 48 hr Daphnia magna >1000 mg/L	
Chlorinated paraffins	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	
Ammonia	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];	

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	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
Ethylene glycol	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
Polymer, vinyl acetate and vinyl acetate- acrylic	Mixture
Fish:	LC50 96 hr Oncorhynchis mykiss >1000 mg/L
Invertebrate:	EC50 48 hr Daphnia magna >100 mg/L
Methanol	67-56-1
Fish:	LC50 96 h Pimephales promelas 28200 mg/L [flow-through]; LC50 96 h Pimephales promelas >100 mg/L [static]; 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]
4,4- Dimethyloxazolidine	Mixture
Fish:	LC50 96 hr Rainbow trout 95 mg/L [flow-through]
Silica, amorphous	7631-86-9
Fish:	LC50 96 h Brachydanio rerio 5000 mg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 440 mg/L IUCLID

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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.

#### Section 13 - DISPOSAL CONSIDERATIONS

#### **Disposal Methods**

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

#### Section 14 - TRANSPORT INFORMATION

#### **US DOT Information:**

UN/NA #: Not regulated

#### **IATA Information:**

UN#: Not regulated

#### **TDG Information:**

**UN#:** Not regulated

#### **IMDG 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.

	<u> </u>
Ammonia	7664-41-7
SARA 302:	500 lb TPQ

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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
Methanol	67-56-1
SARA 313:	1 % de minimis concentration
CERCLA:	5000 lb final RQ; 2270 kg final RQ
Carbamic acid mixture	Trade Secret
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
Clay compound	Trade Secret	No	Yes	Yes	Yes	Yes
Limestone	1317-65-3	No	Yes	Yes	Yes	Yes
Methanol	67-56-1	Yes	Yes	Yes	Yes	Yes
Carbamic acid mixture	Trade Secret	No	No	No	Yes	No
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 WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

Topio autori, or activity	· <b>F</b>
Clay compound	Trade Secret
Carc:	carcinogen, 10/1/1988 (airborne particles of respirable size)
Methanol	67-56-1
Repro/Dev. Tox	developmental toxicity, 3/16/2012
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 %
Clay compound	Trade Secret
	1 %
Methanol	67-56-1
	1 %
Octylphenol ethoxylate	Trade Secret
	1 %
Silica, amorphous	7631-86-9
	1 %

#### **Component Analysis - Inventory**

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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Chlorinated	paraffins	(Trade Secret)
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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

#### 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

#### Clay compound (Trade Secret)

US	CA	EU	AU	РН	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Ye	s 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

#### 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)

-,	<i>j</i>			(								
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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#### Carbamic acid mixture (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	Yes	Yes	No	Yes	Yes	Yes

#### Octylphenol ethoxylate (Trade Secret)

Į	JS	CA	EU	AU	РН	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
7	Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No

#### Titanium dioxide (Mixture)

US	CA	EU	AU	РН	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)

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: May 1, 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

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Material Name: Coil-Tack W (White) Product #:308580-5 gal 308581-50 gal

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**

#### **Disclaimer:**

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