



# SAFETY DATA SHEET

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 22-Oct-2015

Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product Code 80632  
Product Name 14H THREAD SEALANT W/PTFE 4 FL.OZ.

Contains 2-PROPANOL

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

Recommended Use Sealant  
Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Importer

ITW Permatex  
10 Columbus Blvd.  
Hartford, CT 06106 USA  
Telephone: 1-87-Permatex  
(877) 376-2839

#### E-mail address

mail@permatex.com

### 1.4. Emergency telephone number

24 Hour Emergency Phone Number - 800-255-3924 (00+ 1+ 813-248-0585) ChemTel

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Dermal	Category 4 - (H312)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 3 - (H226)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

### 2.2. Label elements

Contains 2-PROPANOL

**Signal word**

Warning

**Statements of hazard**

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H411 - Toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor

**Precautionary Statements - EU (§28, 1272/2008)**

P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this label)

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves and protective clothing

P273 - Avoid release to the environment

P210 - Keep away from heat. - No smoking

P233 - Keep container tightly closed

P243 - Take precautionary measures against static discharge

**Other Information**

- Not applicable

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 substances**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
ETHANOL	200-578-6	64-17-5	20-40	F; R11	Flam. Liq. 2 (H225)	No data available
2-PROPANOL	200-661-7	67-63-0	<5	F; R11 Xi; R36 R67	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)	No data available
METHANOL	200-659-6	67-56-1	<2	F; R11 T; R23/24/25-39/23/24/25	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370) Flam. Liq. 2 (H225)	No data available
METHYL ISOBUTYL KETONE	203-550-1	108-10-1	0.1-1.0	F; R11 Xn; R20 Xi; R36/37 R66	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H335) Flam. Liq. 2 (H225)	No data available

**Full text of R-phrases: see section 16****Full text of H- and EUH-phrases: see section 16****Section 4: FIRST AID MEASURES****4.1. Description of first aid measures**

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<b>General advice</b>	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Skin contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. If symptoms persist, call a physician.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

#### **4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms** See section 2 for more information

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

**Note to physicians** Treat symptomatically.

### **Section 5: FIRE FIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

##### **Unsuitable extinguishing media**

No information available

#### **5.2. Special hazards arising from the substance or mixture**

Flammable. Keep product and empty container away from heat and sources of ignition.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

### **Section 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **Personal precautions**

Remove all sources of ignition. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

##### **For emergency responders**

Use personal protection recommended in Section 8.

#### **6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system.

#### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

#### 6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### **General Hygiene Considerations**

Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store locked up.

#### **Incompatible materials**

Strong oxidizing agents

### 7.3. Specific end use(s)

#### **Specific use(s)**

Automotive Sealant.

#### **Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
ETHANOL 64-17-5	-	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup> STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1910 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup>
2-PROPANOL 67-63-0	-	TWA: 400 ppm TWA: 999 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>
METHANOL 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *	TWA: 200 ppm TWA: 266 mg/m <sup>3</sup> STEL: 250 ppm STEL: 333 mg/m <sup>3</sup> Sk*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1300 mg/m <sup>3</sup> *	TWA: 200 ppm TWA: 266 mg/m <sup>3</sup> via dérmica*	TWA: 200 ppm TWA: 270 mg/m <sup>3</sup> H*
METHYL ISOBUTYL KETONE 108-10-1	TWA 20 ppm TWA 83 mg/m <sup>3</sup> STEL 50 ppm STEL 208 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 208 mg/m <sup>3</sup> STEL: 100 ppm STEL: 416 mg/m <sup>3</sup> Sk*	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> H*
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
ETHANOL 64-17-5	-	TWA: 1000 ppm	TWA: 260 mg/m <sup>3</sup> STEL: 1900 mg/m <sup>3</sup> H*	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1300 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

				STEL: 2500 mg/m <sup>3</sup>	
2-PROPANOL 67-63-0	-	TWA: 200 ppm STEL: 400 ppm	-	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>
METHANOL 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> pelle*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm P*	TWA: 133 mg/m <sup>3</sup> TWA: 100 ppm H*	TWA: 200 ppm TWA: 270 mg/m <sup>3</sup> STEL: 250 ppm STEL: 330 mg/m <sup>3</sup> iho*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> H*
METHYL ISOBUTYL KETONE 108-10-1	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup>	TWA: 104 mg/m <sup>3</sup> STEL: 208 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 80 mg/m <sup>3</sup> STEL: 50 ppm STEL: 210 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> H*
<b>Chemical Name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
ETHANOL 64-17-5	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL 2000 ppm STEL 3800 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1920 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 950 mg/m <sup>3</sup> STEL: 625 ppm STEL: 1187.5 mg/m <sup>3</sup>	STEL: 1000 ppm
2-PROPANOL 67-63-0	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL 800 ppm STEL 2000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	STEL: 1200 mg/m <sup>3</sup> TWA: 900 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 150 ppm STEL: 306.25 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm Sk*
METHANOL 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL 800 ppm STEL 1040 mg/m <sup>3</sup> H*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 800 ppm STEL: 1040 mg/m <sup>3</sup> H*	STEL: 300 mg/m <sup>3</sup> TWA: 100 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 130 mg/m <sup>3</sup> STEL: 150 ppm STEL: 162.5 mg/m <sup>3</sup> H*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 600 ppm STEL: 780 mg/m <sup>3</sup> Sk*
METHYL ISOBUTYL KETONE 108-10-1	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL 50 ppm STEL 208 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 82 mg/m <sup>3</sup> STEL: 40 ppm STEL: 164 mg/m <sup>3</sup> H*	STEL: 200 mg/m <sup>3</sup> TWA: 83 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 83 mg/m <sup>3</sup> STEL: 50 ppm STEL: 208 mg/m <sup>3</sup> Sk*

Chemical Name	European Union	United Kingdom	France	Spain	Germany
2-PROPANOL 67-63-0	-	-	-	40	25 mg/L
METHANOL 67-56-1	-	-	-	15	30 mg/L
METHYL ISOBUTYL KETONE 108-10-1	-	20	-	1	3.5 mg/L
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
2-PROPANOL 67-63-0	-	25	-	-	-
METHANOL 67-56-1	-	30	-	-	-
METHYL ISOBUTYL KETONE 108-10-1	-	2	-	-	-

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

### Engineering Controls

Use exhaust ventilation to keep airborne concentrations below exposure limits.

### Personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin and body protection

Suitable protective clothing. Gloves made of plastic or rubber.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state	Paste
Appearance	White
Odor	Alcoholic
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	82 °C / 180 °F	
Flash point	25 °C / 77 °F	Tag Closed Cup
Evaporation rate	< 1	Butyl acetate = 1
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	12.7%	
Lower flammability limit:	2.3%	
Vapor pressure	33 mm Hg @ 68°F	
Vapor density	>1	Air = 1
Relative density	1.06-1.10	
Water solubility	Partially soluble	
Solubility(ies)	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### 9.2. Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	29.5%%
Density	No information available
Bulk density	No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not applicable

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents

#### 10.6. Hazardous decomposition products

Carbon oxides  
Fluorides

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Product Information

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	Irritating to eyes. May cause redness and tearing of the eyes.
<b>Skin contact</b>	May cause skin irritation and/or dermatitis. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Harmful if swallowed.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	1,811.00 mg/kg
<b>ATEmix (dermal)</b>	1,280.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	10.80 mg/l

##### Unknown acute toxicity

- 97.76305 % of the mixture consists of ingredient(s) of unknown toxicity.
- 65.99515 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 93.32305 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 97.76305 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 97.76305 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 68.54515 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
METHYL ISOBUTYL KETONE	= 2080 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 8.2 mg/L ( Rat ) 4 h

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target Organ Effects</b>	Blood, Central nervous system, Central Vascular System (CVS), Eyes, Gastrointestinal tract (GI), Liver, Reproductive System, Respiratory system, Skin.
<b>Aspiration hazard:</b>	No information available.

### Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity****Ecotoxicity**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
ETHANOL	-	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50
2-PROPANOL	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50	13299: 48 h Daphnia magna mg/L EC50
METHANOL	-	28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static	-
METHYL ISOBUTYL KETONE	400: 96 h Pseudokirchneriella subcapitata mg/L EC50	496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through	170: 48 h Daphnia magna mg/L EC50

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

Chemical Name	Partition coefficient
ETHANOL	-0.32
2-PROPANOL	0.05
METHANOL	-0.77
METHYL ISOBUTYL KETONE	1.19

**12.4. Mobility in soil****Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.



<b>Contaminated packaging</b>	Do not reuse container.
<b>Waste codes / waste designations according to EWC / AVV</b>	No data available
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

### Section 14: TRANSPORT INFORMATION

**IMDG**

<b>14.1 UN/ID no</b>	1133
<b>14.2 Proper shipping name:</b>	Adhesives, Limited Quantity (LQ)
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	III
<b>14.5 Marine pollutant</b>	Not applicable
<b>14.6 Special Provisions</b>	No information available
<b>14.7 EmS-No</b>	F-E, S-D

**RID**

<b>14.1 UN/ID no</b>	1133
<b>14.2 Proper shipping name:</b>	Adhesives, Limited Quantity (LQ)
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	III
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	No information available
<b>14.7 Classification code</b>	F1

**ADR**

<b>14.1 UN/ID no</b>	1133
<b>14.2 Proper shipping name:</b>	Adhesives, Limited Quantity (LQ)
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	III
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	No information available
<b>14.7 Classification code</b>	F1

**IATA**

<b>14.1 UN/ID no</b>	ID 8000
<b>14.2 Proper shipping name:</b>	Consumer commodity
<b>14.3 Hazard Class</b>	9
<b>14.4 Packing Group</b>	None
<b>14.5 Environmental hazard</b>	Not applicable
<b>14.6 Special Provisions</b>	No information available
<b>14.7 ERG Code</b>	9L

### Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
ETHANOL 64-17-5	RG 84	-
2-PROPANOL 67-63-0	RG 84	-
METHANOL 67-56-1	RG 84	-
METHYL ISOBUTYL KETONE 108-10-1	RG 84	-

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

Chemical Name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
METHANOL - 67-56-1	500	5000

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Not Listed.
<b>ENCS</b>	Not Listed.
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

No information available

**Section 16: OTHER INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of R-phrases referred to under sections 2 and 3**

No information available

**Full text of H-Statements referred to under section 3**

H332 - Harmful if inhaled

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H225 - Highly flammable liquid and vapor

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H331 - Toxic if inhaled

H370 - Causes damage to organs if inhaled

H336 - May cause drowsiness or dizziness

EUH066 - Repeated exposure may cause skin dryness or cracking

**Legend**

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Revision Date** 22-Oct-2015

**Revision Note** Not applicable.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**End of Safety Data Sheet**