

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Name:** Gaco 183MW - WINTER - POLYOL COMPONENT B  
**Product Code:** F183MW, F183MW-275, F183MW-55, F183MW-480

### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Spray Foam Insulation  
Use this product in accordance with all local, regional, national and international regulations.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Name/Address:** Gaco Western LLC  
1245 Chapman Dr.  
Waukesha, WI, 53186-5942  
USA  
**Telephone Number:** 800-331-0196 / **International:** 001-800-331-0196  
**Email:** [sds@gaco.com](mailto:sds@gaco.com)  
**Website:** [www.gaco.com](http://www.gaco.com)

### 1.4 EMERGENCY TELEPHONE NUMBER

For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Incident  
Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

## SECTION 2: HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE CHEMICAL

**Hazard class:**

HAZARD CLASSIFICATION	CATEGORY
Skin Corrosion/Irritation	2
Eye Damage/Irritation	1
Sensitization - Skin	1B
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2

### 2.2 LABEL ELEMENTS

**Hazard pictogram:** GHS05, GHS07, GHS08



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<b>Signal word:</b>	Danger!
<b>Hazard statement:</b>	Causes skin irritation May cause an allergic skin reaction Causes serious eye damage May cause damage to organs <kidney> through prolonged or repeated exposure <oral>
<b>Prevention:</b>	Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.
<b>Response:</b>	Specific treatment (see Section 8 on this label). If on skin: Wash with plenty of water. If skin irritation or a rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>Storage:</b>	Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal:</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations.

### 2.3 ADDITIONAL INFORMATION

<b>Main symptoms:</b>	Prolonged exposure may cause chronic effects. May cause allergic skin reaction. Dermatitis. Rash. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Causes skin irritation. May cause redness and pain.
<b>Hazards not otherwise specified:</b>	Harmful to aquatic life with long lasting effects

51 % of the mixture consists of ingredient(s) of unknown acute toxicity

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Material	CAS No.	Weight %*
1,1,1,3,3-Pentafluoropropane	460-73-1	5-10%
Diethylene glycol	111-46-6	1-5%
Trans-dichloroethylene (mixed isomers)	156-60-5	1-5%
1,2-Ethanediamine, polymer with 2-methyloxirane and oxirane	26316-40-5	1-5%
Pentamethyldiethylenetriamine	3030-47-5	1-5%
Pentamethyldipropylene triamine	3855-32-1	1-5%
2-Butoxyethanol	111-76-2	0.1-1.0%
Tertiary Amine	No cas	0.1-1.0%
Dimethyl Imidazole, 1,2-	1739-84-0	0.1-1.0%

\*The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4: FIRST-AID MEASURES

**SAFETY DATA SHEET****4.1 DESCRIPTION OF THE FIRST AID MEASURES**

<b>General information:</b>	Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact:</b>	Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

Prolonged exposure may cause chronic effects.  
May cause allergic skin reaction. Dermatitis. Rash.  
May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.  
Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  
Causes skin irritation. May cause redness and pain.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED**

<b>Note to physicians:</b>	Treat symptomatically.
<b>Specific treatments:</b>	In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

<b>General hazards:</b>	No unusual fire or explosion hazard.
<b>Suitable extinguishing media:</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher as this will spread the fire.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

<b>Specific hazards:</b>	During fire, gases hazardous to health may be formed.
<b>Products of combustion:</b>	May include, and are not limited to: oxides of carbon.

**5.3 Special protective equipment and precautions for fire-fighters (PPE)**

<b>Special protective equipment for fire-fighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire-fighting procedures:</b>	Keep upwind of fire. Move containers from fire area if you can do it without risk.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled

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material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP**

<b>Methods for containment:</b>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for cleaning-up:</b>	Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.
<b>Large spills:</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Prevent product from entering drains.
<b>Small spills:</b>	Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions:</b>	Never return spills to original containers for re-use. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

**SECTION 7: HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

<b>Precautions for Safe handling:</b>	Observe good industrial hygiene practices.
<b>General hygiene advice:</b>	Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

<b>Safe storage:</b>	Store away from incompatible materials.
<b>Specific use:</b>	Spray Foam Insulation
<b>Technical measures:</b>	No specific recommendations.
<b>Incompatible materials:</b>	Acids, oxidizing agents, extreme temperatures.
<b>Safe packaging material:</b>	No specific recommendations.
<b>Precautions:</b>	Use personal protective recommended in Section 8 of the SDS.
<b>Safe handling advice:</b>	Observe good industrial hygiene practices.
<b>Suitable storage conditions:</b>	Store away from incompatible materials.
<b>Handling-technical measures:</b>	No specific recommendations.
<b>Local and general ventilation:</b>	Provide adequate ventilation.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

<b>Control parameters:</b>	Follow standard monitoring procedures.
<b>Exposure limits:</b>	

**Diethylene glycol**

OSHA: None

NIOSH:

REL: Ethylene glycol [Ceiling 50 ppm]

**8.2 EXPOSURE CONTROLS**

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### Engineering measures to reduce exposure:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level.

### 8.3 INDIVIDUAL PROTECTIVE MEASURES

<b>General:</b>	Use personal protective equipment as required.
<b>Eye protection:</b>	Wear safety glasses with side shields (or goggles) and a face shield.
<b>Hand protection:</b>	Wear appropriate chemical resistant gloves.
<b>Respiratory protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Skin and body protection:</b>	Wear appropriate chemical resistant clothing.
<b>Hygiene measures:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
<b>Thermal hazards:</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Environmental exposure controls:</b>	Inform appropriate managerial or supervisory personnel of all environmental releases.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	low viscosity liquid
<b>Color:</b>	brown
<b>Form:</b>	Liquid
<b>Odor:</b>	mild amine-like
<b>Odor Threshold:</b>	Not applicable
<b>Physical State:</b>	Liquid
<b>pH (at 20°C):</b>	9.61
<b>Melting Point/Freezing Point:</b>	Not applicable
<b>Initial Boiling Point and Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	>200°F/>93.3°C
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability (solid, gaseous):</b>	Not Flammable
<b>Lower Flammability/Explosive Limit:</b>	Not applicable
<b>Upper Flammability/Explosive Limit:</b>	Not applicable
<b>Vapor Pressure (mm Hg @38°C):</b>	Not applicable
<b>Vapor Density:</b>	Not applicable
<b>Density (lb/gal):</b>	9.9
<b>Relative Density/Specific Gravity:</b>	1.2
<b>Solubility in water/miscibility:</b>	Not applicable
<b>Partition coefficient: n-octanol/water:</b>	Not applicable
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not applicable
<b>Viscosity (at 20°C) g/L:</b>	700 cps
<b>Oxidizing Properties:</b>	Not applicable
<b>Explosive Properties:</b>	Not applicable
<b>VOC:</b>	<65 g/L (<0.54 lb/gal)
<b>Solvent content - Organic:</b>	Not applicable

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Solvent content - Water:	Not applicable
Solvent content - Solids:	77.99%
Other information:	Not applicable
Incompatibilities:	Acids, oxidizing agents, extreme temperatures.

### SECTION 10: STABILITY AND REACTIVITY

<b>10.1 REACTIVITY</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2 CHEMICAL STABILITY</b>	
Chemical stability:	Material is stable under normal conditions.
Materials to avoid:	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	
Hazardous reactions:	No dangerous reaction known under conditions of normal use.
<b>10.4 CONDITIONS TO AVOID</b>	Contact with incompatible materials.
<b>10.5 INCOMPATIBLE MATERIALS</b>	Acids, oxidizing agents, extreme temperatures.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	
Hazardous decomposition products:	No hazardous decomposition products are known.
Hazardous polymerization:	Does not occur.
Other information:	Not applicable.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity:</b>	May cause an allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Causes skin irritation. May cause redness and pain.
<b>Likely routes of exposure:</b>	Skin contact. Eye contact. Inhalation.
Eye:	Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Skin:	May cause an allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain.
Ingestion:	Not an expected route of exposure. Expected to be a low ingestion hazard.
Inhalation:	Not an expected route of exposure. No adverse effects due to inhalation are expected.

#### LD50/LC50 values relevant to this classification:

##### 1,1,1,3,3-Pentafluoropropane

Inhal rat LC50 >200,000 ppm 4hr No deaths, evidence of transient anesthetic effect.

Inhal rat LC50 >100,000 ppm 4hr No deaths, evidence of transient underactivity during exposure.

Derm rabbit >2000 mg/kg bw

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**Diethylene glycol**

Oral rat LD50 19600 mg/kg bw/day  
Oral rat LD50 16500 mg/kg bw/day  
Oral Human LD50 1120 mg/kg bw/day  
Oral Rat LD50 >25300 mg/kg  
Inhal rat LC50 > 4.6 mg/L air 4hr  
Inhal Rat LC50 >5.06 mg/l  
Derm rabbit LD50 13300 mg/kg bw  
Dermal Rabbit LD50 12500 mg/kg

**Pentamethyldiethylenetriamine**

Oral rat LD50 1330 mg/kg bw  
Inhal rat LC50 290 ppm = 2055.5 mg/m3  
Inhal rat LC50 8.38 mg/L air (nominal)  
Derm rabbit LD50 > 200 < 1000 mg/kg bw  
Derm rabbit >200 mg/kg = no effect

**Pentamethyldipropylene triamine**

Oral rat LD50 1598 mg/kg  
Inhal rat LC50 >1.48 mg/L (rat) 1-hr. (no deaths)  
Derm rabbit LD50 569 mg/kg  
Derm rabbit LD50 994 mg/kg  
Derm rabbit LD50 1035 mg/kg

**Calculated overall chemical acute toxicity values for this formulation:**

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
>5 mg/kg (dust and mist)	>2000 mg/kg	>2000 mg/kg

**11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE**

<b>Skin corrosion/irritation:</b>	Causes skin irritation. May cause redness and pain.
<b>Serious eye damage/irritation:</b>	Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Respiratory sensitization:</b>	Based on available data, this product is not expected to cause respiratory sensitization.
<b>Skin sensitization:</b>	May cause an allergic skin reaction. Dermatitis. Rash.
<b>Symptoms and target organs:</b>	Prolonged exposure may cause chronic effects. May cause allergic skin reaction. Dermatitis. Rash. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Causes skin irritation. May cause redness and pain.
<b>Chronic health effects:</b>	Prolonged exposure may cause chronic effects. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.
<b>Carcinogenicity:</b>	This product is not classified as a carcinogen. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Diethylene glycol	Not listed	A3	Not listed	3
2-Butoxyethanol	Note listed	A3	Not listed	3

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**OSHA (O)** =Occupational Safety and Health Administration  
Ca/Yes = Expected to be carcinogenic  
not listed = Not expected to be carcinogenic

**NTP (N)** =National Toxicology Program  
K =Known to be a carcinogen  
R = Reasonably anticipated to be a carcinogen

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ACGIH (G) = American Conference of Governmental Industrial Hygienists

A1 = Confirmed human carcinogen  
A2 = Suspected human carcinogen  
A3 = Animal carcinogen  
A4 = Not classifiable as a human carcinogen  
A5 = Not suspected as a human carcinogen  
not listed = Not expected to be carcinogenic

not listed = Not expected to be carcinogenic

IARC (I) = International Agency for Research on Cancer

1 = Carcinogenic to humans  
2A = Probably carcinogenic to humans  
2B = Possibly carcinogenic to humans  
3 = Not classifiable as to its carcinogenicity to humans  
4 = Probably not carcinogenic to humans  
not listed = Not expected to be carcinogenic

<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Reproductive Toxicity:</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific Target Organ Toxicity (STOT):</b>	
<b>Single Exposure:</b>	Not classified as an STOT - Single Exposure.
<b>Repeated Exposure:</b>	May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.
<b>Aspiration Toxicity:</b>	Based on available data, this product is not expected to cause aspiration toxicity.
<b>Other Information:</b>	Not applicable.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 ECOTOXICITY

<b>Ecotoxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>Acute aquatic toxicity:</b>	The product is not classified as acutely environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Chronic toxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>Environmental effects:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

#### 12.2 PERSISTENCE AND DEGRADABILITY

<b>Persistence/biodegradability:</b>	The product contains substances which are not expected to be readily biodegradable.
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#### 12.3 BIOACCUMULATIVE POTENTIAL

<b>Bioaccumulation:</b>	No data available.
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#### 12.4 MOBILITY

<b>Mobility:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Mobility in non-soil:</b>	No data available.

#### 12.5 OTHER ADVERSE EFFECTS

<b>Ozone layer:</b>	No data available.
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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 WASTE TREATMENT METHODS

<b>Disposal method:</b>	This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
<b>Contaminated packaging:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>EU codes:</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Residual waste:</b>	Dispose of in accordance with local regulations. Empty containers or liners



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may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Waste codes:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** None

### SECTION 14: TRANSPORT INFORMATION

**DOT Non-Bulk**

Not classified as Dangerous Goods for Transport

**DOT Bulk**

Not classified as Dangerous Goods for Transport

**IMDG**

Not classified as Dangerous Goods for Transport

**ICAO/IATA**

Not classified as Dangerous Goods for Transport

**Reportable quantity:** Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

### SECTION 15: REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**US Federal Regulations:**

**U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)**

No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

**SARA/CERCLA reporting requirements:**

The following components of this product are found at concentrations greater than or equal to 0.1% and are subject to SARA/CERCLA reporting requirements.

Material	SARA 302 (EHSs) TPQ	SARA 304 EHSs RQ	CERCLA RQ	SARA 313 listed	RCRA CODE	CAA 112(r) TQ
Trans-dichloroethylene (mixed isomers)	Not listed	Not listed	3,000	Not listed	U079	Not listed

**State Right-to-Know Regulations**

The following components of this product are found at concentrations greater than or equal to 0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.

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Material	California Proposition 65	Massachusetts Right-to-Know	Minnesota Employee Right-to-Know	New Jersey Community Environmental Hazard Right-to-Know	New Jersey Right-to-Know Substance	Pennsylvania Right-to-Know	Rhode Island Right-to-Know
Diethylene glycol	Not listed	Not listed	Listed	Not listed	Not listed	Listed	Not listed
Trans-dichloroethylene (mixed isomers)	Not listed	Listed	Not listed	Not listed	Not listed	Listed	Listed
2-Butoxyethanol	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
2,2'-(Ethylenedioxy)diethanol	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed
Lead carboxylate	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Mineral Spirits (Stoddard Solvent)	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
2-Ethoxyethanol (trace)	Dev	Listed	Listed	Not listed	Listed	Listed	Listed
Ethanol, 2,2'-iminobis- (trace)	Cancer	Listed	Listed	Not listed	Listed	Listed	Listed
Formaldehyde (trace)	Cancer	Listed	Listed	Listed	Listed	Listed	Listed
Dichloromethane (trace)	Cancer	Listed	Listed	Listed	Not listed	Listed	Listed

**California:**
**California South Coast Air Quality Management District (SCAQMD):**

This product contains 1,1,1,3,3-Pentafluoropropane, a substance that is regulated or restricted for specific applications when applied in areas that are subject to SCAQMD Rule 1168 or Rule 1113. Please consult a local Air Quality regulator or SCAQMD <http://www.aqmd.gov/> to determine if your application is subject to these rules and therefore subject to the restrictions or prohibitions of use.

**Proposition 65:**


**WARNING:** This product can expose you to Ethanol, 2,2'-iminobis-, Formaldehyde and Dichloromethane, which are known to the State of California to cause cancer, and 2-Ethoxyethanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Global Inventories:**

Notification status:	
US - TSCA	All substances are listed
Canada -DSL	Not all substances are listed
Canada - NDSL	No substances are listed
EU - EINECS	Not all substances are listed
EU - ELINCS	No substances are listed
EU - NLP	At least 1 substance is listed
Australia – AICS	Not all substances are listed
China - EICSC	Not all substances are listed
Japan - ENCS	Not all substances are listed
Korea - KECI	Not all substances are listed
Taiwan - NECI	Not all substances are listed
New Zealand - NZIoC	Not all substances are listed
Philippine - PICCS	Not all substances are listed

**EU - REACH Status:**

A registration number is not available for substances in this mixture as the substances are exempted from registration, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

**CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification:**

D1B, D2B, E

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**MEXICO:**

**Hazard Classification:** 3-1-0  
**Carcinogen Status:** No data available.

## SECTION 16: OTHER INFORMATION

**HMIS (Hazardous Materials Identification System) rating:**

<b>Health:</b>	<b>3*</b>
<b>Flammability:</b>	<b>1</b>
<b>Physical:</b>	<b>0</b>

**NFPA 704 (National Fire Protection Association) rating:**

<b>Health</b>	<b>3</b>
<b>Fire</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>

**Legend:**

DOT	US Department of Transportation
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ACGIH	American Conference of Governmental Industrial Hygienists
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act
CAA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
EPCRA	Emergency Planning and Community Right-to-Know Act
WHMIS	Workplace Hazardous Materials Information System
EU	European Union
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
TSCA	US Toxic Substances Control Act (TSCA)
DSL	Canada Domestic Substance List (DSL)
NDSL	Canada Non-Domestic Substance List (NDSL)
EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
ELINCS	European List of Notified Chemical Substances (ELINCS)
NLP	European list of No-longer Polymers (NLP)
AICS	Australian Inventory of Chemical Substances (AICS)
EICSC	China Existing Chemical Inventory - IECSC
ENCS	Japanese Existing and New Chemical Substances Inventory(ENCS)
KECI	Korea Existing Chemicals Inventory(KECI)
NECI	Taiwan National Existing Chemical Inventory (NECI)
NZIoC	New Zealand Inventory of Chemicals (NZIoC)
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
HMIS	Hazardous Materials Identification System

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NFPA

National Fire Protection Association (NFPA)

**Date of preparation:** September 20, 2017

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**End of Safety Data Sheet**