

# VFI-5217 Poly B side

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Date of issue: 01/06/2021

Revision date: N/A

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : VFI-5217 Poly B side  
Product code : Not available.

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

Use of the substance/mixture : Flexible Spray Foam.

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

Volatile Free, Inc  
19500 Janacek Court  
Brookfield, WI 53045 - USA  
T 800-307-9218

#### 1.4. Emergency telephone number

Emergency Telephone: (outside the U.S.): : 1-703-527-3887 / (U.S. and Canada) 1-800-424-9300  
Association/Organization: CHEMTREC

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified.

#### 2.2. Label elements

##### GHS-US labelling

No labelling applicable.

#### 2.3. Other hazards

No additional information available.

#### 2.4. Unknown acute toxicity (GHS-US)

34 % of the mixture consists of ingredient(s) of unknown acute toxicity.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable.

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Bis(2-dimethylaminoethyl) ether	(CAS No) 3033-62-3	0.1 - 0.5	Flam. Liq. 4 Acute Tox. 4 (Oral) Acute Tox. 3 (Dermal) Acute Tox. 4 (Inhalation) Skin Corr. 1B

\* 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

#### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.  
First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.  
First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.  
First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/injuries after inhalation : May cause respiratory tract irritation.  
Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

# VFI-5217 Poly B side

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Treat for surrounding material.
- Unsuitable extinguishing media : None known.

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

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

### 5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

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

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Methods and material for containment and cleaning up

- For containment : 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).
- Methods for cleaning up : Scoop up material and place in a disposal container.

### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing vapour or mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

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

- Storage conditions : Keep out of the reach of children. Keep container tightly closed.

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Bis(2-dimethylaminoethyl) ether (3033-62-3)		
ACGIH	ACGIH TWA (ppm)	0.05 ppm
ACGIH	ACGIH STEL (ppm)	0.15 ppm
OSHA	Not applicable	

### 8.2. Exposure controls

- Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Hand protection : Wear suitable gloves.
- Eye protection : Safety glasses or goggles are recommended when using product.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls : Maintain levels below Community environmental protection thresholds.

# VFI-5217 Poly B side

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Other information : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid.  
Appearance : Viscous.  
Colour : Varies.  
Odour : Slightly Sweet.  
Odour threshold : No data available.  
pH : No data available.  
Relative evaporation rate (butylacetate=1) : No data available.  
Melting point : No data available.  
Freezing point : No data available.  
Boiling point : No data available.  
Flash point : No data available.  
Auto-ignition temperature : No data available.  
Decomposition temperature : No data available.  
Flammability (solid, gas) : Not flammable.  
Vapour pressure : No data available.  
Relative vapour density at 20 °C : No data available.  
Relative density : 1.03  
Solubility : No data available.  
Log Pow : No data available.  
Log Kow : No data available.  
Viscosity, kinematic : No data available.  
Viscosity, dynamic : 800 - 2000 cP  
Explosive properties : No data available.  
Oxidising properties : No data available.  
Explosive limits : No data available.

#### 9.2. Other information

No additional information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2. Chemical stability

Stable under normal storage conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified.

VFI-5217 Poly B side	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

# VFI-5217 Poly B side

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

VFI-5217 Poly B side	
LC50 inhalation rat	> 20 mg/l/4h

Bis(2-dimethylaminoethyl) ether (3033-62-3)	
LD50 oral rat	910 mg/kg
LD50 dermal rabbit	238 mg/kg
LC50 inhalation rat	2.204 mg/l/4h

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

### 12.2. Persistence and degradability

VFI-5217 Poly B side	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

VFI-5217 Poly B side	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

### Additional information

Other information : No supplementary information available.  
Special transport precautions : Do not handle until all safety precautions have been read and understood.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

# VFI-5217 Poly B side

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### 15.2. US State regulations

#### VFI-5217 Poly B side

State or local regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### SECTION 16: Other information

Indication of changes : None.  
Date of issue : 01/06/2021  
Other information : None.

*Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*

VOLATILE FREE, INC.:

THIS INFORMATION AND TECHNICAL ADVICE PROVIDED HEREIN ARE BELIEVED TO BE RELIABLE AND ACCURATE TO THE BEST KNOWLEDGE OF VOLATILE FREE, INC., AS BASED ON TESTS AND SHOULD SERVE ONLY AS A RECOMMENDATION. AS THE MANUFACTURER, VOLATILE FREE, INC MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR USE OR A PARTICULAR PURPOSE FOR THE PRODUCT. VOLATILE FREE, INC MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE RESULTS OF THE USE OF THE PRODUCT AND ASSUMES NO OBLIGATION OR LIABILITY IN CONNECTION THEREWITH. VOLATILE FREE, INC. IS NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY SORT FROM USE OF THIS PRODUCT. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE. INFORMATION CHANGES MAY INCLUDE, BUT ARE NOT LIMITED TO, COMMERCIAL AND TECHNICAL CHANGES, CHANGES IN PRICING, PHYSICAL CHARACTERISTICS AND PACKAGING.