

Material Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: PU Foam Cleaner / Polyurethane Foam Cleaner

Recommended Use: Cleaning

Supplier's details: Bissett Fasteners Ltd. 63 Fawcett Rd, Coquitlam BC, V3K 6V2 Canada

Emergency phone number: 1-877-657-1278

SECTION 2 HAZARDS IDENTIFICATION

Classification:

Aerosol – Category 2

Carcinogenicity – Category 2

GHS Label elements, including precautionary statements:

Symbol:



Signal Word: Warning

Hazard statement(s):

- Flammable aerosol
- Pressurized container (may burst if heated)
- May be carcinogenic.

Precautionary statement(s):

Prevention:

- Keep away from heat, sparks, and open flames
- Do not spray on ignition sources
- Do not puncture or burn the container before or after use
- Use proper PPE (gloves, clothing, eye/face protection)

Response:

- Seek medical advice if exposed

Storage:

- Protect from sunlight
- Do not exceed 50°C / 122°F
- Store securely

Disposal:

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

Other hazards which do not result in classification: /

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration%
Dimethoxymethane	CAS 109-87-5	65%
Dimethyl Ether	CAS 115-10-6	35%



SECTION 4: FIRST AID MEASURES

- **Inhalation:** If conscious and breathing, remove person from area to and take to a location with fresh air. If person is not breathing, begin artificial respiration and contact local emergency services. Consult a physician
- **Skin Contact:** Remove contaminated clothing and wash off with plenty of running water.
- **Eye Contact:** Rinse thoroughly with plenty of running water for at least 15 minutes and consult a physician.
- **Ingestion:** Rinse mouth with water. Consult a physician or seek medical attention.

SECTION 5: FIREFIGHTING MEASURES

- **Appropriate extinguishing agents:** Use water spray, dry powder, foam, etc.
- **Special hazards associated with the chemical:** It may release flammable gas, and the container can rupture when exposed to heat.
- **Special protective actions for firefighters:** Firefighters must wear air breathing apparatus, fire-fighting suits and protective gloves to extinguish in the upwind direction. Whenever possible, remove the container from the fire to an open space and spray water to cool unopened containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures:** It is recommended that emergency personnel wear protective masks and fire protective overalls. Do not touch the spill directly.
- **Environmental precautions:** Isolate contaminated areas and restrict access.
- **Containment and cleanup procedures:** Ensure adequate ventilation in the affected area.

SECTION 7 HANDLING AND STORAGE

- **Precautions for safe handling:** There should be sufficient local exhaust in workplace. Operators should be trained and strictly follow the operating procedures. Operators are advised to wear protective masks, clothing and gloves (PPE). Operators should load and unload cautiously during handling to prevent damage to the package.
- **Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated warehouse. Keep away from fire and heat. Protect from direct sunlight. It should be stored separately from oxidants, flammable materials, etc., and should not be mixed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous Agents in the Workplace

Appropriate engineering controls: Close strictly and provide sufficient local exhaust.

Individual protection measures

- **Eye/face protection:** Wear a protective mask.
- **Skin protection:** Wear normal protective clothing.
- **Respiratory protection:** Air respirators should be worn during emergency rescue or evacuation.
- **Thermal hazards:** /



SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	An iron can contains a mixture of high-pressure gas and liquid.
Colour	/
Odour	/
Melting point/freezing point	/
Boiling point or initial boiling point and boiling range	/
Flammability	Flammable aerosol.
Lower and upper explosion limit/flammability limit	/
Flash point	/
Auto-ignition temperature	/
Decomposition temperature	/
pH	/
Kinematic viscosity	/
Solubility	/
Partition coefficient: n-octanol/water (log value)	/
Vapour pressure	/
Density and/or relative density	/
Relative vapour density	/
Particle characteristics	/

SECTION 10 STABILITY AND REACTIVITY

- **Reactivity:** /
- **Chemical stability:** The material is stable at normal temperatures.
- **Possibility of hazardous reactions:** /
- **Conditions to avoid:** Spark, high temperature and static electricity.
- **Incompatible materials:** Flammable materials.
- **Hazardous decomposition products:** Oxycarbides and chlorides.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhaled, ingested, skin, eyes.

Symptoms related to the physical, chemical and toxicological characteristics: /

Acute health effects:

- Ingestion can cause symptoms such as nausea, etc.
- Skin contact can cause redness and irritation.
- Inhalation can cause cough and throat irritation.
- Eye contact can cause redness and irritation.

Chronic health effects: /

Numerical measures of toxicity (such as acute toxicity estimates): /



SECTION 12 ECOLOGICAL INFORMATION

Toxicity:

Polymethylene polyphenyl polyisocyanate:

Endpoint	Test Duration (hr)	Species	Value
LC50	96	Fish	13.1mg/L
EC50	48	Crustacea	1-682mg/L
EC50	72	Algae or other aquatic plants	242mg/L
NOEC	/	Crustacea	68mg/L

Dimethyl ether:

Endpoint	Test Duration (hr)	Species	Value
LC50	96	Fish	1-783.04mg/L
EC50	48	Crustacea	>4400.0mg/L
EC50	72	Algae or other aquatic plants	154.917mg/L
NOEC	/	Crustacea	>4000mg/L

Persistence and degradability: Low (Dimethoxymethane) / Low (Dimethyl ether).

Bioaccumulative potential: Low (Dimethoxymethane) / Low (Dimethyl ether).

Mobility in soil: Low (Dimethoxymethane) / High (Dimethyl ether).

Other adverse effects: /

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of product via approved landfill or controlled disposal. Damaged containers must not be reused and should be disposed of at designated facilities.

SECTION 14 TRANSPORT INFORMATION

- **UN number:** 1950.
- **UN proper shipping name:** AEROSOLS (Polyurethane Foam Cleaner).
- **Transport hazard class(es):** 2.1.
- **Packing group, if applicable:** /
- **Environmental hazards:** /
- **Special precautions for user:** /
- **Transport in bulk according to IMO instruments:** /

SECTION 15 REGULATORY INFORMATION

Regulations: This safety data sheet is in compliance with the following national standards: GB/T 16483-2008, GB 13690-2009, GB 18218-2018, GB 15258-2009, GB 6944-2012, GB 190-2009, GB/T 191-2008, GB 12268-2012, GB/T 15098-2008, GBZ 2.1-2019, GBZ 2.2-2007 as well as the following regulations: Railway Dangerous Goods Transport Administrative Regulation, Dangerous Chemicals Safety Administrative Regulation.



SECTION 16 OTHER INFORMATION

References	UN Recommendations on the Transport of Dangerous Goods Model Regulations UN Globally Harmonized System of Classification and Labelling of Chemicals
Form Date	9-April-2026

- **Note 1:** When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.
- **Note 2:** The manufacturer/supplier should ensure the correctness of the information contained in the safety data sheets and update them in a timely manner.
- **Note 3:** Due to the nature of the product and the absence of specific data (for example, a boiling point not applicable to solids), such entries are indicated with a "/" in the table.

