

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

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

1.1 Product identifier

Trade name : POLYCRAFT GUN FOAM PART A

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

Use of the Substance/Mixture : Used in polyurethane manufacturing.

Recommended restrictions on use : Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company: **MB Fibreglass**
Unit 17 & 20 Abbey Business Park
Mill Road
Newtownabbey
Co. Antrim
BT36 7EE

Telephone: +44 (0) 2890 861992

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling:

EUH210 .Safety data sheet available on request.

2.3 Other hazards

No data available

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
ethane-1,2-diol	107-21-1 203-473-3	Acute Tox.4; H302	>= 1 - < 10
dimethoxymethane	109-87-5 203-714-2	Flam. Liq.2; H225	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO₂)
Dry sand

- Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
Burning produces noxious and toxic fumes.

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Full protective flameproof clothing
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Dust explosion class : No data available

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep away from sources of ignition - No smoking. Keep container tightly closed in a dry and well-ventilated place.
Take measures to prevent the build up of electrostatic charge.

Other data : No decomposition if stored and applied as directed.

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

7.3 Specific end use(s)

Specific use(s) : Raw material for industry

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethane-1,2-diol	107-21-1	TWA	20 ppm 52 mg/m ³	2000/39/EC
ethane-1,2-diol	107-21-1	STEL	40 ppm 104 mg/m ³	2000/39/EC
ethane-1,2-diol	107-21-1	TWA (Vapour)	20 ppm 52 mg/m ³	GB EH40
ethane-1,2-diol	107-21-1	TWA (particles)	10 mg/m ³	GB EH40
ethane-1,2-diol	107-21-1	STEL (Vapour)	40 ppm 104 mg/m ³	GB EH40

8.2 Exposure controls

Engineering measures

Use only in an area equipped with flame proof exhaust ventilation.
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Hand protection

: Solvent-resistant gloves
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Before removing gloves clean them with soap and water.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: viscous liquid
Colour	: colourless
Odour	: characteristic
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: Not applicable
Boiling point/boiling range	: Not applicable
Flash point	: 39 °C Method: closed cup
Flammability (liquids)	: Does not sustain combustion.
Evaporation rate	: Not applicable
Flammability (solid, gas)	:
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: Not applicable
Relative density	: Not applicable
Density	: 0.95 - 1.05 g/cm ³ (20 °C)
Solubility(ies)	
Water solubility	: Not applicable
Auto-ignition temperature	: No data available
Thermal decomposition	: Not applicable

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

Viscosity
Viscosity, dynamic : 800 - 1,000 mPa.s (20 °C)

Viscosity, kinematic : Not applicable

9.2 Other information

Dust explosion class : No data available

Oxidizing potential : No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.
Extremes of temperature and direct sunlight.
Contamination

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents
Strong acids

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon oxides
Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

ethane-1,2-diol:

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

Acute oral toxicity : Acute toxicity estimate : 500 mg/kg
Method: Converted acute toxicity point estimate

LD50 (Rat, female): 4,700 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 10,670 mg/kg

dimethoxymethane:

Acute oral toxicity : LD50 (Rabbit): 5,708 mg/kg

Acute inhalation toxicity : LC50 (Mouse): 57 mg/l
Exposure time: 7 h

LC50 (Rat): 15000 ppm

Skin corrosion/irritation

Components:

dimethoxymethane:

Result: Skin irritation

Serious eye damage/eye irritation

Components:

dimethoxymethane:

Result: Eye irritation

Respiratory or skin sensitisation

Product:

Remarks: Not classified due to lack of data.

Germ cell mutagenicity

Product:

Germ cell mutagenicity

Assessment : Not classified due to lack of data.

Carcinogenicity

Product:

Carcinogenicity

Assessment : Not classified due to lack of data.

Reproductive toxicity

Product:

Reproductive toxicity

Assessment : Not classified due to lack of data.

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

STOT - single exposure

Components:

dimethoxymethane:

Exposure routes: Inhalation

Target Organs: Respiratory Tract

Assessment: May cause respiratory irritation.

STOT - repeated exposure

Components:

dimethoxymethane:

Exposure routes: Inhalation

Target Organs: Eyes, Central nervous system, Heart

Assessment: May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: Solvents may degrease the skin.

The product itself has not been tested.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No data available

12.2 Persistence and degradability

Product:

Biodegradability : Result: No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

Components:

ethane-1,2-diol:

Partition coefficient: n- : log Pow: -1.3

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

octanol/water

dimethoxymethane:

Partition coefficient: n-octanol/water : log Pow: 0

12.4 Mobility in soil

Product:

Mobility : Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : No data available

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological information : Remarks: The product itself has not been tested.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer

Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants

Not applicable

Major Accident Hazard Legislation

Seveso Directive

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Not applicable

Watercontaminating class : WGK 1 slightly water endangering (Germany)

The components of this product are reported in the following inventories:

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

Canadian Domestic Substances List (DSL)	: All components of this product are on the Canadian DSL
Australia Inventory of Chemical Substances (AICS)	: On the inventory, or in compliance with the inventory
New Zealand. Inventory of Chemical Substances	: On the inventory, or in compliance with the inventory
Japan. ENCS - Existing and New Chemical Substances Inventory	: Not in compliance with the inventory
Korea. Korean Existing Chemicals Inventory (KECI)	: On the inventory, or in compliance with the inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	: On the inventory, or in compliance with the inventory
China. Inventory of Existing Chemical Substances in China (IECSC)	: On the inventory, or in compliance with the inventory
Taiwan Chemical Substance Inventory	: On the inventory, or in compliance with the inventory
United States TSCA Inventory	: On TSCA Inventory

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

POLYCRAFT GUN FOAM PART A

Version 3.0

Revision Date 02.02.2017

Print Date 11.04.2017

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.