

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2013


Version number 3

Revision: 31.10.2012

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

- **Product identifier**
- **Trade name: F38 POLYOL**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Polyurethane resin
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MB Fibreglass
17 & 20 Abbey Business Park, Mill Road, Newtownabbey, BT36 7EE
Tel: 02890 861992
- **Emergency telephone number:** 02890 861992 (office hours only)

2 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Xi; Irritant
R36: Irritating to eyes.
 - **Information concerning particular hazards for human and environment:**
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
 - **Label elements**
 - **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
Observe the general safety regulations when handling chemicals.
 - **Code letter and hazard designation of product:**
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Xi Irritant
- **Risk phrases:**
36 Irritating to eyes.
 - **Safety phrases:**
23 Do not breathe gas/fumes/vapour/spray.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
60 This material and its container must be disposed of as hazardous waste.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description: Formulated polyol**

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· Dangerous components:

CAS: 102-60-3	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	25-50%
EINECS: 203-041-4	Xi R36	
Reg.nr.: 01-2119552434-41-xxxx	Eye Irrit. 2, H319	

4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Inform personnel of risks associated with the product, the precautions to be taken and procedures to follow where an accident occurs.
- **Information about fire - and explosion protection:** *Protect from heat.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Use only receptacles specifically permitted for this substance/product.
- **Information about storage in one common storage facility:** *Store away from foodstuffs.*
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from humidity and water.
This product is hygroscopic.
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:** *Not necessary if room is well-ventilated.*
- **Protection of hands:**



Protective gloves

- **Material of gloves**
PVC gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**



Safety glasses

Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Whitish

· **Odour:** Characteristic

· **pH-value at 20°C:** NA

· **Change in condition**

Melting point/Melting range: NA°C

· **Flash point:** > 110°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** 0.97 g/cm³ (ISO 1675:1985)

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **organic solvents:** Soluble in many organic solvents.

· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** Reacts with oxidizing agents.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

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Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Other information:** The product is difficultly biodegradable.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** At present there are no ecotoxicological assessments.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Dispose of the product by burning in a suitable incinerator or bury in an approved landfill following all applicable local and/or national regulations.

· **European waste catalogue**

20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
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- **Uncleaned packaging:**
- **Recommendation:**
*Empty containers may not be disposed of unless any remaining material adhering to the internal walls has been removed.
Disposal must be made according to official regulations.*

14 Transport information

- **UN-Number**
- **ADR, IMDG, IATA** Void
- **UN proper shipping name**
- **ADR, IMDG, IATA** Void
- **Transport hazard class(es)**
- **ADR, IMDG, IATA**
- **Class** Void
- **Packing group**
- **ADR, IMDG, IATA** Void
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

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· **Transport/Additional information:** *Not dangerous according to the above specifications.*

15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture*
- *National regulations:*
- *Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- *Chemical safety assessment: A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H319 Causes serious eye irritation.

R36 Irritating to eyes.

- *** Data compared to the previous version altered.**

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