

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### Product information

Trade name : XB 5090-1 POLYOL

Use : Polyol for adhesive systems

Company : Huntsman Advanced Materials (Europe)BVBA  
Everslaan 45  
3078 Everberg / Belgium

Telephone : +41619661599  
Telefax : +41619661589  
Emergency telephone number : +32 35 751 234 (in France ORFILA : +33(0)145425959)

For further Product EHS related questions concerning this document or its contents, please contact:  
E-Mail: [global\\_product\\_ehs\\_admat@huntsman.com](mailto:global_product_ehs_admat@huntsman.com)

## 2. HAZARDS IDENTIFICATION

None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature

Modified polyol  
preparation

## 4. FIRST AID MEASURES

Inhalation : Move to fresh air.  
If symptoms persist, call a physician.

Eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
If eye irritation persists, consult a specialist.

Skin contact : Wash off with soap and plenty of water.  
If skin irritation persists, call a physician.

Ingestion : Immediately give plenty of water (if possible charcoal slurry).  
If a person vomits when lying on his back, place him in the recovery position.  
Oxygen or artificial respiration if needed.  
Do not induce vomiting.

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray.  
Carbon dioxide (CO<sub>2</sub>).  
Foam.  
Dry powder.
- Extinguishing media which must not be used for safety reasons : High volume water jet.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Burning produces obnoxious and toxic fumes.  
Carbon oxides.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Do not breathe vapours/dust.  
Avoid contact with skin, eyes and clothing.  
Ensure adequate ventilation.
- Environmental precautions : Do not allow material to contaminate ground water system.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. HANDLING AND STORAGE

### Handling

- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.  
Handle and open container with care.

### Storage

- Further information on storage conditions : Keep away from food, drink and animal feeding stuffs.  
Keep container tightly closed.  
Keep at temperatures between 2 and 40 °C.

- Storage hazard class : Storage class 12, Liquids, not dangerous  
Huntsman Advanced  
Materials

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Control parameters	Update	Basis
------------	---------	--------------------	--------	-------

### Personal protective equipment

- Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.  
Filter type AX-P2 (organic vapours, particles)
- Eye protection : Tightly fitting safety goggles.
- Hand protection : Material of gloves for long term application (BTT>480 min):  
Butyl rubber  
Ethyl Vinyl Alcohol Laminate (EVAL)  
Nitrile rubber  
Neoprene rubber  
Polyvinyl Chloride (PVC)  
Material of gloves for short term/splash application (10 min<BTT<480 min):  
Butyl rubber  
Ethyl Vinyl Alcohol Laminate (EVAL)  
Nitrile rubber  
Neoprene rubber  
Polyvinyl Chloride (PVC)  
Use gloves approved to relevant standards e.g. EN 374 (Europe), F739 (US).  
Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.  
Additional information can be found for instance at [www.gisbau.de](http://www.gisbau.de)
- Skin and body protection : long sleeved clothing
- Hygiene measures : Keep away from food, drink and animal feeding stuffs.  
Wash hands before breaks and immediately after handling the product.
- Protective measures : Avoid contact with skin, eyes and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : paste
- Colour : off-white
- Odour : oily

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

Boiling point	: > 200 °C
Thermal decomposition	: > 200 °C
Flash point	: > 180 °C Method: DIN 51758 (Pensky-Martens Closed Cup)
Density	: 1.62 g/cm <sup>3</sup> at 20 °C
Water solubility	: Note: practically insoluble
Miscibility with water	: immiscible
Viscosity, dynamic	: 7,500 - 12,000 mPa.s at 25 °C

## 10. STABILITY AND REACTIVITY

Conditions to avoid	: Note: Take necessary action to avoid static electricity discharge.
Materials to avoid	: Strong acids and strong bases. Strong oxidizing agents.
Hazardous decomposition products	: Burning produces obnoxious and toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 rat Dose: > 2,000 mg/kg
Eye irritation	: No eye irritation rabbit
Skin irritation	: No skin irritation rabbit dermal
Sensitization	: none guinea pig dermal

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

### Further information on ecology

Additional ecological information	: Avoid subsoil penetration. Prevent product from entering drains.
-----------------------------------	---

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

Do not contaminate surface water.

### 13. DISPOSAL CONSIDERATIONS

Product : Waste Key Number: 070208  
Must be incinerated, when in compliance with local regulations.

Container : Empty containers can be landfilled after cleaning, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

### 14. TRANSPORT INFORMATION

#### Land transport

*ADR:*

Regulation: Not dangerous goods

*RID:*

Regulation: Not dangerous goods

#### Sea transport

*IMDG:*

Regulation: Not dangerous goods

#### Air transport

*IATA-DGR:*

Regulation: Not dangerous goods

### 15. REGULATORY INFORMATION

#### Labelling according to EEC Directive

No labelling required

#### National legislation

#### Notification status

**Ident-No: XB 5090-1 POLYOL**

Version 2  
Revision Date 22.03.2009

Print Date 08.04.2009

## 16. OTHER INFORMATION

The provision of Safety Data Sheets comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974. Users of products supplied by Huntsman Advanced Materials should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH).

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Huntsman Advanced Materials General Conditions of Sale.