

## SAFETY DATA SHEET

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

Product name: **1 MIN EPOXY GEL HARDENER.**

Supplier: ITW Devcon  
 Shannon Industrial Estate Brunel Close, Park Farm  
 Ind. Est.,  
 Co. Clare, Ireland. Wellingborough, Northants  
 NN8 6QX

Emergency telephone number: 353(61)471299 01933 675299

Fax No: 353(61)471285 01933 670800

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation	Formulated product.			
Chemical Name	CAS-No	EEC-No	Class	Weight %
POLYMERCAPTAN-POLYAMIDE CURING AGENT			R21 C; R34 R43.	80-100

## 3. HAZARDS IDENTIFICATION

Most important hazards: Corrosive, severe irritation.

Specific hazards Irritating to eyes and skin.

## 4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes.

Inhalation: Move to fresh air. Consult a physician after significant exposure.

Skin contact: Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash off immediately with soap and plenty of water, If skin irritation persists, call a physician.

Eye contact: Rinse immediately with plenty of water and seek medical advice.

Ingestion: Do not induce vomiting. If a person vomits when lying on his back, turn over on his side. Call a physician immediately.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon Dioxide (CO<sub>2</sub>), foam, dry chemical

Extinguishing media which must not be used for safety reasons:  
 High volume water jet.

Specific hazards: Burning produces irritant fumes.

Special protective equipment for firefighters: In case of fire, wear a self contained breathing apparatus.

Specific methods: Standard procedure for chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains. Avoid subsoil penetration.

Methods for cleaning up: Dam up. Scrape up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. HANDLING AND STORAGE

Handling: Use only in well-ventilated areas

Storage: Keep containers tightly closed in a cool, well-ventilated place

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: National occupational exposure limits (Ref: British COSHH - EH40):

Product name: **1 MIN EPOXY GEL  
HARDENER.**

POLYMERCAPTAN-POLYAMIDE CURING AGENT

no data available

Engineering measures to  
reduce exposure

Ensure adequate ventilation, especially in confined areas..

- Respiratory protection:

No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

- Hand protection:

solvent-resistant gloves.

- Eye protection:

safety glasses, goggles.

- Skin and body protection:

lightweight protective clothing.

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing. General industrial hygiene practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous  
liquid.

Colour: amber.

Odour: pungent.

g/l H<sub>2</sub>O)

Flash point:

>93 °C

Vapour pressure:

<<1

Relative density:

- lower 1.12

Water solubility

partly soluble

## 10. STABILITY AND REACTIVITY

Stability:

Stable.

Conditions to avoid:

Prolonged heating at temperatures above 50°C.

Materials to avoid:

strong acids and oxidizing agents, amines.

Hazardous decomposition products:

carbon oxides, nitrogen oxides (NO<sub>x</sub>).

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50/oral/rat = >3g/kg  
Epoxy - LD50/oral/mouse = 15.6g/kg

Local effects:

Severe skin irritation ( rabbit )

Long term toxicity:

no data available

## 12. ECOLOGICAL INFORMATION

Mobility:

Do not let product enter drains. Avoid subsoil penetration.

## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Solidify unexposed surplus and dispose of together with processed material as cured plastic waste In accordance with local and national regulations

Contaminated packaging:

In accordance with local and national regulations

European waste Catalogue No:

08 04 99

## 14. TRANSPORT INFORMATION

Proper shipping name:

Corrosive liquid, basic , organic, n.o.s (Mercaptan/ amine blend).

UN-No:

3267

ADR/RID Class:

8

HI/UN No:

3267

IMO Class:

8

Packing group :

III

Proper shipping name:

Corrosive liquid, basic, organic, n.o.s (mercaptan amine blend).

ICAO Class:

8

UN/ID No:

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REF: X0128

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#### 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: Mercaptan /Amine
- Symbol(s):



C - Corrosive

R -phrase(s): R34 - Causes burns R36/38 - Irritating to eyes and skin. R43 - May cause sensitization by skin contact..

S -phrase(s): S28 - After contact with skin, wash immediately with plenty of water. S37/39 - Wear suitable gloves and eye/face protection. S51 - Use only in well ventilated areas.

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#### 16. OTHER INFORMATION

Recommended use: Adhesives.

Recommended restrictions:

When used in a mixture, read the labels and safety data sheets of all components.

Revision date: 08/07/2002

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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