

SAFETY DATA SHEET

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

Product name: **5-MINUTE EPOXY 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 %	
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	603-069-00-0	Xn; R22 Xi; R36/38	1-15	

3. HAZARDS IDENTIFICATION

Most important hazards: Xi - Irritant.

Specific hazards Irritating to eyes and skin.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance.

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

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

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Do not induce vomiting. Drink plenty of water, Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, dry chemical, foam, Carbon Dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:
 Do not use a solid water stream as it may scatter and spread fire.

Specific hazards: In case of fire and/or explosion do not breathe fumes.

Special protective equipment for firefighters: Cool containers / tanks with water spray. 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 the skin and the eyes. Use personal protective equipment

Environmental precautions: Do not let product enter drains

Methods for cleaning up: Dam up, Scrape up, Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: Use only in well-ventilated areas. Avoid contact with skin and eyes.

Storage: Store at room temperature in the original container. Keep container tightly closed.

Product name: **5-MINUTE EPOXY
HARDENER**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL no data available

Engineering measures to reduce exposure

- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment
- Hand protection: protective gloves
- Eye protection: safety glasses with side-shields, goggles.
- Skin and body protection: lightweight protective clothing, Wear as appropriate.

Hygiene measures: When using do not eat or drink. Wash hands before breaks and immediately after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous liquid. Colour: amber. Odour: amine-like.

pH: (50 g/l H₂O) 9.5

Flash point: >149 °C

Flammability (solid, gas): Not applicable.

Explosive properties: Not applicable.

Vapour pressure: <0.01 mm Hg (20 °C)

Relative density: - lower 0.97 (20 °C)
- upper 1.13

Water solubility insoluble (25 °C)

Viscosity: (25 °C) 10,000

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Avoid temperatures above 45°C.

Materials to avoid: strong oxidizing agents.

Hazardous decomposition products: carbon oxides, nitrogen oxides (NO_x).

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50/oral/rat = 1653 mg/kg (DMP)
LD50/dermal/rabbit = 1350 mg/kg (DMP)
LC50/inhalation/8h/rat = >0.5 mg/L (DMP)

Sensitization: May cause sensitization by inhalation and skin contact.

Long term toxicity: Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Solidify unexposed surplus and dispose of together with processed material as cured plastic waste. According to (national equivalent of EC-Dir. 78/319; disposal of toxic and hazardous waste)

Contaminated packaging: In accordance with local and national regulations

European waste Catalogue No: 08 04 99

14. TRANSPORT INFORMATION

Proper shipping name: Not classified as dangerous in the meaning of transport regulations: UN, ADR/RID, IMO & IATA/ICAO.

15. REGULATORY INFORMATION

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

- Contains: 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

water contaminating - 2

- Symbol(s):



Xi - Irritant

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

S -phrase(s): S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S 1/2 - Keep locked-up and out of reach of children. S37/39 - Wear suitable gloves and eye/face protection.

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: 01/04/2001.

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