



**SAFETY DATA SHEET  
5-MINUTE EPOXY HARDENER**

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

PRODUCT NAME                    5-MINUTE EPOXY HARDENER  
 PRODUCT NO.                    X0040  
 SUPPLIER                        ITW DEVCON  
                                       BAY 150  
                                       SHANNON INDUSTRIAL ESTATE  
                                       SHANNON  
                                       CO CLARE  
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**2 HAZARDS IDENTIFICATION**

Harmful if swallowed. Irritating to eyes and skin.

CLASSIFICATION                Xn;R22. Xi;R36/38.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	202-013-9	90-72-2	10-30%	Xn;R22 Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

**INHALATION**

Move the exposed person to fresh air at once. Contact physician if discomfort continues.

**INGESTION**

Rinse mouth thoroughly. Do not induce vomiting. Drink plenty of water. Get medical attention.

**SKIN CONTACT**

Remove affected person from source of contamination. Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation persists.

**EYE CONTACT**

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Contact physician if irritation persists.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Fire can be extinguished using: Water spray. Foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

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## 5-MINUTE EPOXY HARDENER

### SPECIFIC HAZARDS

Avoid breathing fire vapours.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Do not smoke, use naked flames or other sources of ignition.

### ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Dam and absorb spillages with sand, earth or other non-combustible material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Use only in well-ventilated areas. Eliminate all sources of ignition. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from Oxidising material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash, quick drench.

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

### HAND PROTECTION

Use protective gloves. Nitrile gloves are recommended. Butyl rubber gloves are recommended.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### HYGIENE MEASURES

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

### SKIN PROTECTION

Wear apron or protective clothing in case of contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid
COLOUR	Amber
ODOUR	Amine.

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## 5-MINUTE EPOXY HARDENER

SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1,130g/cm <sup>3</sup> 20 °C	VAPOUR PRESSURE	<0.01mmHg 20
pH-VALUE, CONC. SOLUTION	9.5 @ 20 °C	VISCOSITY	13,000 mPas 25
FLASH POINT (°C)	>100		

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### CONDITIONS TO AVOID

Avoid exposing to heat and contact with strong oxidising substances.

#### MATERIALS TO AVOID

Avoid contact with oxidising agents. Amines.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Nitrous gases (NO<sub>x</sub>). Oxides of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Vapours/gases/fumes of: Ammonia or amines.

### 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2, 000 mg/kg (oral rat)

TOXIC CONC. - LC 50 >0.5

#### INGESTION

Harmful if swallowed.

#### SKIN CONTACT

Slightly irritating. Risk of sensitisation or allergic reactions among sensitive individuals.

#### EYE CONTACT

Irritating to eyes.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Avoid release to the environment. Do not discharge into drains, water courses or onto the ground.

#### MOBILITY

Do not discharge into drains, water courses or onto the ground.

#### WATER HAZARD CLASSIFICATION

WGK 1

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

#### WASTE CLASS

08 04 99

### 14 TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

AIR PACK GR. II

### 15 REGULATORY INFORMATION

#### LABELLING

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## 5-MINUTE EPOXY HARDENER



Harmful

### RISK PHRASES

R22 Harmful if swallowed.  
R36/38 Irritating to eyes and skin.

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### 16 OTHER INFORMATION

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DATE 09/03/2006

#### RISK PHRASES IN FULL

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

#### DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.