



**SAFETY DATA SHEET  
1 MINUTE EPOXY GEL HARDENER**

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

PRODUCT NAME 1 MINUTE EPOXY GEL HARDENER  
 INTERNAL ID 14177, 14277, DA004, DE120  
 SUPPLIER ITW DEVCON  
 BAY 150  
 SHANNON INDUSTRIAL ESTATE  
 SHANNON  
 CO CLARE  
 IRELAND  
 T: +353 (0)61471299  
 F: 353(0)61471285  
 EMERGENCY TELEPHONE +44 (0)208 762 8322

**2 HAZARDS IDENTIFICATION**

Harmful in contact with skin. Causes burns. May cause sensitisation by skin contact.

CLASSIFICATION Xn;R21. C;R34. R43.

**HUMAN HEALTH**

Corrosive to skin and eyes. Corrosive. Prolonged contact causes serious eye and tissue damage.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
POLYMERCAPTAN -POLYAMIDE CURING AGENT			60-100%	Xn;R21. C;R34. R43.

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

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

Avoid contact with skin and eyes. 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. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

**INGESTION**

DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water (200-300 ml). NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

**SKIN CONTACT**

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

**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: Carbon dioxide (CO2). Dry chemicals. Foam. Water.

REVISION DATE: 01/10/2008

## 1 MINUTE EPOXY GEL HARDENER

### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

### SPECIFIC HAZARDS

By heating and fire, irritating vapours/gases may be formed.

### 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. Do not smoke, use naked flames or other sources of ignition. Avoid inhalation of vapours and contact with skin and eyes.

### ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Use only in well-ventilated areas. Avoid contact with skin and eyes. Provide good ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Keep away from heat, sparks and open flame. 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.

## 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. Neoprene gloves are recommended. Butyl rubber gloves are recommended. Nitrile gloves are recommended.

### EYE PROTECTION

Wear approved safety goggles.

### HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes wet. When using do not eat, drink or smoke.

### SKIN PROTECTION

Protection suit must be worn.

## 1 MINUTE EPOXY GEL HARDENER

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid		
COLOUR	Amber		
ODOUR	Mercaptans (thiols).		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	N/D	MELTING POINT (°C)	N/D
RELATIVE DENSITY	1.12	VAPOUR DENSITY (air=1)	N/D
VAPOUR PRESSURE	N/D	EVAPORATION RATE	N/D
FLASH POINT (°C)	>93 PM Closed cup.		

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.

#### HAZARDOUS POLYMERISATION

Will not polymerise.

#### MATERIALS TO AVOID

Strong oxidising substances. Acids. Amines.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of: Nitrogen. Sulphur. Hydrogen sulphide (H<sub>2</sub>S).

### 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >3000 mg/kg (oral rat)

#### INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

#### INGESTION

May cause severe internal injury. Corrosive. Even small amounts may cause serious damage.

#### SKIN CONTACT

Causes burns. Corrosive. Prolonged contact causes serious tissue damage.

#### EYE CONTACT

Causes burns. Strongly corrosive. Causes severe burns. Immediate first aid is imperative. Risk of serious damage to eyes.

#### HEALTH WARNINGS

This substance is corrosive. This chemical may cause skin/eye irritation and burns (corrosive).

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Avoid release to the environment.

#### MOBILITY

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

#### WATER HAZARD CLASSIFICATION

WGK 2

### 13 DISPOSAL CONSIDERATIONS

REVISION DATE: 01/10/2008

## 1 MINUTE EPOXY GEL HARDENER

### DISPOSAL METHODS

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

### WASTE CLASS

08 04 99

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	8		
PROPER SHIPPING NAME	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (POLYMERCAPTAN -POLYAMIDE CURING AGENT)		
UN NO. ROAD	3267	UK ROAD PACK GR.	III
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	80GC7-II+III	RID CLASS NO.	8
RID PACK GROUP	III	UN NO. SEA	3267
IMDG CLASS	8	IMDG PAGE NO.	8
IMDG PACK GR.	III	EMS	F-A, S-B
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	3267	AIR CLASS	8
AIR PACK GR.	III		

## 15 REGULATORY INFORMATION

### LABELLING



Corrosive



Harmful

CONTAINS POLYMERCAPTAN -POLYAMIDE CURING AGENT

### RISK PHRASES

R21	Harmful in contact with skin.
R34	Causes burns.
R43	May cause sensitisation by skin contact.

### SAFETY PHRASES

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.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

REVISION DATE: 01/10/2008

## 1 MINUTE EPOXY GEL HARDENER

### 16 OTHER INFORMATION

REVISION DATE 01/10/2008

REV. NO./REPL. SDS GENERATED 3

DATE 20.04.2005

#### RISK PHRASES IN FULL

R21 Harmful in contact with skin.

R34 Causes burns.

R43 May cause sensitisation by skin contact.

#### 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.