



## MATERIAL SAFETY DATA

EDITION: 8 DATE: 17-Jan-07

### 1. PRODUCT

NAME: **weber.joint epoxy** (fermapoxy)

#### Chemical Nature

A two-component paste adhesive based on a Bisphenol A/F epoxy resin, a modified aliphatic polyamine hardener.

#### Manufacturer

##### **Weber**

Saint-Gobain Weber Limited  
Dickens House  
Enterprise Way  
Flitwick  
Bedford.  
MK45 5BY.

EMERGENCY TELEPHONE NUMBER. 08703 330070

### 2. COMPOSITION

Resin component contains Bisphenol A/F Resin with Av. MW < 700. Contains epoxy constituents. See information supplied by the manufacturer.

EEC Symbol: Xi, N

R Phrases: 36/38, 43, 51/53

Hardener component contains TOFA (10-30%) CAS No. 68953-36-6,  
tetraethylenepentamine (<10%) CAS No. 112-57-2 and 3-aminomethyl-3,5,5-  
trimethylcyclohexylamine (<10%) CAS No. 2855-13-2

EEC Symbol: C

R Phrases: 34, 43

### 3. HAZARDS IDENTIFICATION

#### Resin Component

Irritating to eyes and skin

May cause sensitisation by skin contact

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Hardener Component

Causes burns

May cause sensitisation by skin contact

### 4. FIRST AID MEASURES

SKIN CONTACT:	Wipe off excess with absorbent disposable paper towels. Wash with plenty of soap and water. Do not use organic solvents
EYE CONTACT:	Rinse immediately with water for at least 15 minutes. Seek medical attention immediately
INHALATION:	Move affected person to fresh air. In case of irritation to respiratory system or mucous membrane or if symptoms persist seek medical attention
INGESTION:	Immediately rinse mouth repeatedly with water. If swallowing has occurred the affected person should drink 500 -800ml. of water. Seek medical attention promptly

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishers:

Water mist, Carbon dioxide, Foam and Dry powder. Do not use high-pressure water jet extinguishers.

### Exposure hazards

Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Avoid ignition sources.

### Environmental Precautions

Prevent contamination of soil drains and surface water.

### Methods for Cleaning

Take up with absorbent, dry inert material and place in a suitable and closable container for disposal according to local regulations.

## 7. HANDLING AND STORAGE

### Handling

Resin is irritant and sensitising. Hardener is harmful if swallowed, causes burns and sensitising. Avoid vapour formation and ignition sources. Ensure good ventilation. Do not eat or drink in workplace.

### Storage

Store away from food and drink. Store in original undamaged containers securely closed. Store at room temperature away from direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Technical Protective Measures

No special measures required

### Exposure Limits

Resin and Hardener: none

### Respiratory Protection

Not normally necessary. **Work in well-ventilated area**

Hand Protection

Wear suitable gloves.

Eye Protection

Wear suitable goggles or face protection

Skin Protection

Wear overalls and closed footwear

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Both resin and hardener components are pastes.

The Flash points of the liquid content of both the resin and hardener components are in excess of 100°C.

## 10. STABILITY AND REACTIVITY

Thermal Decomposition Temperature:	Above 200°C.
Materials to avoid:	Strong acids and alkalis and strong oxidising agents.
Hazardous Decomposition Products:	If the materials are involved in a fire hazardous oxides of carbon or nitrogen or other hazardous vapours may be released.

## 11. TOXICOLOGICAL INFORMATION

Bisphenol F epichlorohydrin resin MW<700

LD50: Oral 23800mg/kg (rat)  
Dermal >2000mg/kg (rabbit)

Isophoronediamine (2855-13-2)

LD50: Oral 1303mg/kg (rat)  
Dermal 1840mg/kg (rabbit)

Skin Sensitisation in Guinea pigs:	Liquid constituents of both resin and Hardener may cause sensitisation by skin contact
Skin and Eye irritation tested on rabbits:	The liquid constituent of resin component: Irritant. The liquid constituent of hardener: Corrosive.

## 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water. No other specific information available.

## 13. DISPOSAL CONSIDERATIONS

Incineration or landfill in accordance with local regulations.  
Contaminated packaging material should be disposed of identically to the product itself.

For easy disposal any unmixed resin and hardener can be mixed and allowed to cure.

Once fully cured **weber.joint epoxy** can be disposed of as normal household waste. Uncontaminated packaging material should be treated as household waste or as recycling material.

#### 14. TRANSPORT INFORMATION

##### Resin Component:

UN No.3082 Environmentally hazardous liquid n.o.s. (epoxy resin)  
Class 9

##### Hardener Component:

RID/ADR: Class 8  
IMDG-Code: Class 8  
IATA: Class 8  
Packing Group : III  
UN No.: 2735 Amines, corrosive, liquid n.o.s  
(TOFA/tetraethylenepentamine/Isophoronediamine)  
Flash Point: >100oC.

#### 15. REGULATORY INFORMATION

##### Resin Component

Symbol: Xi, Irritant  
Contains: Bisphenol A/F Resin with Av. MW < 700. Contains epoxy constituents. See information supplied by the manufacturer.

##### R Phrases:

R36/38 Irritating to eyes and skin  
R43 May cause sensitisation by skin contact  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment

##### S Phrases:

S24 Avoid contact with skin  
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 soap and water  
S37 Wear suitable gloves

##### Hardener Component

Symbol: C, Corrosive  
Contains: TOFA (10-30%) CAS No. 68953-36-6, tetraethylenepentamine (<10%) CAS No. 112-57-2 and 3-aminomethyl-3,5,5-trimethylcyclohexylamine (<10%) CAS No. 2855-13-2

R34 Causes burns  
R43 May cause sensitisation by skin contact

##### S Phrases:

S24 Avoid contact with skin  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.  
S28 After contact with skin, wash immediately with plenty of soap and 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)

#### **16. OTHER INFORMATION**

The information supplied by the manufacturer on epoxy constituents is contained within this data sheet.

This safety sheet has been prepared in accordance with the provisions of the EC SDS Directive 91/155.