

## SAFETY DATA SHEET

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

Product name: **FLAMENCO HYDROSEAL ACTIVATOR**  
 Supplier: MMP-International, Division  
 of ITW Ltd.  
 Brunel Close, Park Farm  
 Ind Est,  
 Wellingborough, Northants,  
 NN8 6QX

Emergency telephone number: +44 (0) 1933 670870  
 Fax No: +44 (0) 1933 670800

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
LIQUID EPOXY RESIN	40216-08-8		Xi; R36/38, R43	40-60
HEXANEDIOL DIGLYCIDYL ETHER	16096-31-4		Xi; R36/38, R43	5-10
GLYCIDYL ETHER	68081-84-5		Xi; R36/38, R43	5-10

## 3. HAZARDS IDENTIFICATION

Most important hazards: Irritating to eyes and skin.  
 Specific hazards: May cause sensitization by skin contact.

## 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 immediately adhering matter, Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.  
 Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 Ingestion: Rinse mouth, Do not induce vomiting, Call a physician immediately. If a person vomits when lying on his back, turn over on his side.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry powder, foam, Carbon Dioxide (CO<sub>2</sub>)  
 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, protective suit  
 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. Ensure adequate ventilation.  
 Environmental precautions: Do not contaminate water. Avoid subsoil penetration.  
 Methods for cleaning up: Dam up, Scrape up, Soak up with inert absorbent material, Transfer to covered steel drums.

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ACTIVATOR**

REF: F7

**7. HANDLING AND STORAGE**

Handling: Use only in well-ventilated areas. Keep away from heat and sources of ignition.  
General industrial hygiene practice.

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):

LIQUID EPOXY RESIN no data available

HEXANEDIOL DIGLYCIDYL ETHER no data available

GLYCIDYL ETHER no data available

Engineering measures to reduce exposure

- Respiratory protection: No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

- Hand protection: Solvent-resistant gloves (butylrubber)

- Eye protection: safety glasses with side-shields, goggles.

- Skin and body protection: protective suit.

Hygiene measures: Wash hands before breaks and immediately after handling the product, Keep away from food, drink and animal feeding stuffs. Do not smoke. General industrial hygiene practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: liquid Colour: various Odour: mild

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

Boiling point/range: >200 °C

Flash point: >150 °C

Vapour pressure: <0.001 Pa mm Hg ( 20 °C)

Relative density: - lower 1.0g per c.c

**10. STABILITY AND REACTIVITY**

Conditions to avoid: None

Materials to avoid: strong acids and strong bases, oxidizing agents.

Hazardous decomposition products: Carbon monoxide, Carbon Dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity: LD50/oral/rat = >2900 mg/kg

Local effects: Moderate skin irritation

Sensitization: May cause sensitization by skin contact.

**12. ECOLOGICAL INFORMATION**

Mobility: Do not contaminate water. 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 - 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**

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

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#### 15. REGULATORY INFORMATION

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

- Contains: LIQUID EPOXY RESIN, HEXANEDIOL ETHER, GLYCIDYL ETHER.
- Symbol(s):



Xi

R -phrase(s): R43 - May cause sensitization by skin contact. R36 - Irritating to eyes. R38 - Irritating to skin.

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

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#### 16. OTHER INFORMATION

Recommended use:

Recommended restrictions:

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

Revision date: 13/08/2002

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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