

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

**Product name:** EPO FLORSEAL HARDENER  
**Product code:** EPH 02  
**Company name:** Adomast Building Chemicals Ltd  
Unit G  
Lea Road Trading Estate  
Waltham Abbey  
Essex  
EN9 1AE  
Tel: 01992 710684  
Fax: 01992 712813

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** HEPA 1-10%  
EINECS: 268-626-9 CAS: 68131-73-7  
[Xn] R21/22; [C] R34; [Sens.] R43; [N] R50/53

## 3. HAZARDS IDENTIFICATION

**Main hazards:** 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.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists, obtain medical advice.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Get medical attention.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If effects persist, obtain medical advice.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.  
**Exposure hazards:** In combustion emits toxic fumes.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Spilt product presents a significant slip hazard.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash away any residue with plenty of clean water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection is not normally required

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Orange-brown

**Odour:** Ammoniacal

**Solubility in water:** Soluble

**Viscosity:** Viscous

**Viscosity value:** 4500 cps

**Boiling point/range°C:** >100

**Flammability limits %: lower:** 1.04

**Flash point°C:** >100

**Vapour pressure:** <10.34

**pH:** 7.0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Strong oxidising agents. Strong mineral acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** EPO FLORSEAL HARDENER

IHL RAT LC50 >10 mg/kg

ORL RAT LD50 6700 mg/kg

SKN RBT LD50 >2000 mg/kg

**Chronic toxicity:** Product has been tested and shown not to cause sensitization in guinea pigs

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** Bioaccumulation potential.

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

See accidental release measures

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

### ADR / RID

**UN no:** -

**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

### IMDG / IMO

**UN no:** -

### IATA / ICAO

**UN no:** -

## 15. REGULATORY INFORMATION

**Hazard symbols:** Irritant.



**Risk 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 effects in the aquatic environment.

**Safety phrases:** S24: Avoid contact with skin.

S37: Wear suitable gloves.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

**Risk phrases used in s.2:** R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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

**Product name:** EPOXY RESIN

**Product code:** RES08

**Synonyms:** NPEF-164X

**Use / description of product:** Irritant.

**Company name:** Adomast Building Chemicals Ltd  
Unit G  
Lea Road Trading Estate  
Waltham Abbey  
Essex  
EN9 1AE  
Tel: 01992 710684  
Fax: 01992 712813

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Bisphenol A type epoxy resin CAS 25068-38-6  
Bisphenol F type epoxy resin CAS 28064-14-4  
C12-C14 Aliphatic glycedyl ether CAS 68609-97-2

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes and skin. May cause sensitisation by skin contact.

**Other hazards:** Irritating to eyes. Irritating to skin. May cause sensitisation by skin contact.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water and obtain medical attention.

**Inhalation:** If inhalation of mists, fumes or vapour causes irritation of the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Keep away from heat, sparks and open flames.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Viscous

**Boiling point/range°C:** >200

**Flash point°C:** >150

**Relative density:** 1.12

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Avoid heat, flames and other sources of ignition.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** EPOXY RESIN

ORL RAT LD50 10000-11400 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**SAFETY DATA SHEET**

EPOXY RESIN

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

See accidental release measures

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** -

**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

**IMDG / IMO**

**UN no:** -

**IATA / ICAO**

**UN no:** -

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.



**Risk phrases:** R36/38: Irritating to eyes and skin.

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 ...

S37/39: Wear suitable gloves and eye / face protection.

**Precautionary phrases:** Contains epoxy constituents. See information supplied by the manufacturer.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.