

# MORGAN POLYMERS LTD

## HEALTH & SAFETY DATA SHEET

### 1. Identification of the Substance and Company.

**Trade Name:** Multiflex **Product Group 4A** Epoxy Resin Products ( part A ).

**Company :** Morgan Polymers Ltd, Unit 2 Century Park, Pacific Park, Altrincham, Cheshire  
WA14 5BJ

**Phone No. :** 0161- 233 - 0023

**Emergency Phone No. :** 0161- 233 – 0023

**Fax No.:** 0161 – 233 – 0022

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### 2. Composition/information on ingredients.

**Hazardous ingredients:** OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES 20.000%  
EINECS: 271-846-8 CAS: 68609-97-2  
[Xi] R38; [Sens.] R43  
• BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 60.000%  
EINECS: 500-033-5 CAS: 25068-38-6  
[Xi] R36/38; [Sens.] R43; [N] R51/53

**Contains:** Bisphenol-A/F type liquid epoxy resin diluted with aliphatic glycidyl ether(C12-C14)

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### 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.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

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### 4. First Aid Measures.

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

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

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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## **5. Fire Fighting Measures.**

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

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## **6. Accidental Release Measures.**

<b>Personal precautions:</b>	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
<b>Clean-up procedures:</b>	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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## **7. Handling and Storage.**

<b>Handling requirements:</b>	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.
<b>Storage conditions:</b>	Store in cool, well ventilated area. Keep container tightly closed.

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## **8. Exposure Controls / Personal Protection.**

<b>Engineering measures:</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory protection:</b>	Self-contained breathing apparatus must be available in case of emergency.
<b>Hand protection:</b>	Protective gloves.
<b>Eye protection:</b>	Safety glasses. Ensure eye bath is to hand.
<b>Skin protection:</b>	Protective clothing.

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## **9. Physical and Chemical Properties.**

<b>Physical State :</b>	Liquid, paste or grout.
<b>Colour :</b>	Colourless or coloured.
<b>Odour:</b>	Characteristic odour
<b>Evaporation rate:</b>	Negligible
<b>Solubility in water:</b>	Insoluble
<b>Viscosity:</b>	Viscous
<b>Flash point °C:</b>	>200
<b>Relative density:</b>	1.14

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## **10 Stability and Reactivity**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat.  
**Materials to avoid:** Strong oxidising agents. Strong acids.  
**Haz. decomp. products:** In combustion emits toxic fumes.

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## **11. Toxicological Information.**

**Acute effects:** Irritating to eyes and skin.  
**Sensitisation:** May cause sensitisation by skin contact.

### **TOXICOLOGICAL INFORMATION (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.

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## **12 Ecological Information**

**Mobility:** Readily absorbed into soil.  
**Persistence and degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.  
**Other adverse effects:** Negligible ecotoxicity.  
**PBT identification:** This substance is not identified as a PBT substance.

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## **13. Disposal Considerations.**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.  
**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. Arrange for collection by specialised disposal company.

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

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## **14. Transport Information.**

### **ADR / RID**

<b>UN no:</b> 3082	<b>ADR Class:</b> 9
<b>Packing group:</b> III	<b>Classification code:</b> M6
<b>Shipping name:</b> ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
<b>Labelling:</b> 9	<b>Hazard ID no:</b> 90

### **IMDG / IMO**

<b>UN no:</b> 3082	<b>Class:</b> 9
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**Packing group: III**  
**Marine pollutant:**

**EmS: F-A,S-F**  
**Labelling: 9**

## IATA / ICAO

**UN no : 3082**  
**Packing group: III**  
**Labelling: 9**

**Class: 9**  
**Packing instructions: 914**

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## 15. Regulatory Information.

**Hazard symbols:** Irritant.  
Dangerous for the environment.

**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.

**Haz. ingredients (label):** OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES; BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

**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.

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## 16. OTHER INFORMATION

Refer to national guidelines on Control of Substances Hazardous to Health and also handling of flammable substances.

The specifications are based on the current state of our knowledge and experience.

The Health & safety Data Sheet describes the products from a safety requirements aspect.

The information shall not be regarded as legally binding assurance of certain properties or suitability for a particular application.

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