

# MATERIAL SAFETY DATA SHEET

312 05+A

## Flortex EP – Part A



### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **FLORTEX EP – PART A**  
 Company Name: Polycote UK  
 Centre Point • Wolseley Road  
 Woburn Road Industrial Estate  
 Kempston • Beds MK42 7EF  
 Telephone Number: 01234 846400

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components:

**Chemical Name**

CAS No.	Classification	Conc.
Bisphenol-A-epichlorohydrin resin 25068-38-6	R36/38, R43, R51/53	0-60%
Bisphenol-F-epichlorohydrin resin 28064-14-4	R36/38, R43, R51/53	0-50%
Aliphatic Glycidylether 68081-84-5	R36/38, R43, R51/53	10-30%

### SECTION 3: HAZARDS IDENTIFICATION

Main Hazard: Xi Irritant  
 N Dangerous for the environment  
 Eyes: May cause irritation.  
 Skin: May cause irritation and possible sensitisation by skin contact.  
 Ingestion: May cause irritation  
 Inhalation: Remove from contaminated atmosphere and seek medical attention.  
 Delayed Effects: Skin sensitisation upon prolonged or regular contact.  
 Environment: Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

### SECTION 4: FIRST AID MEASURES

Eyes: Rinse open eye under running water for several minutes. Seek medical attention.  
 Skin: Remove contamination using proprietary resin removing cream and wash with soap and water. In case of prolonged irritation seek medical attention.  
 Inhalation: Remove from contaminated atmosphere and seek medical attention.  
 Ingestion: If swallowed give large quantities of water or milk. Do not induce vomiting. Seek medical advice.

### SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, powder, Carbon Dioxide water spray or fog.  
 Unsuitable extinguishing media: Water with a full water jet  
 Special exposure hazards: Do not breathe smoke as may give off toxic fumes. Do not discharge extinguishing media into streams, rivers or lakes.  
 Protective equipment for fire-fighting: Wear self-contained breathing apparatus and full protective clothing.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective clothing (refer to section 8).  
 Environmental precautions: Prevent entering all drains, sewers and watercourses.  
 Clean-up procedures: Contain and absorb into inert material e.g. sand and treat as solid hazardous waste.

### SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes (refer to section 8 for appropriate protective clothing). Wash thoroughly after handling.  
 Conditions for storage: Keep in tightly sealed containers and store in a cool, dry place, avoiding exposure to heat, light, moisture and air.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure: None established  
 Engineering controls: If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentrations below acceptable levels.  
 Eye protection: Safety glasses or goggles.  
 Skin protection: Protective overalls.  
 Hand protection: Impervious gloves.  
 Respiratory protection: Not normally required. In a confined space wear half mask respirator with organic vapour cartridge with built in particulate filter NPF 20 (gas only). If applied by spray Wear self contained breathing apparatus.

### SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Pale yellow liquid  
 Odour: Slight  
 Boiling Point/ Range: > +150°C  
 Melting Point/ Range: Not determined  
 Flash Point: > +140°C  
 Flammability: Combustible  
 Auto-flammability: > +200°C  
 Explosive Properties: N/A  
 Oxidising Properties: N/A  
 Vapour Pressure: >0.1mbar at +20°C  
 Relative Density: 1.16 g/cm<sup>3</sup> at +20°C  
 Water Solubility: 11.6 mg/L at +23°C  
 Fat Solubility: Not determined  
 Viscosity: 0.90 Pa.s at +25°C

### SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.  
 Conditions to avoid: Keep cool and dry.  
 Materials to avoid: Mineral acids, bases, amines and mercaptans.  
 Hazardous decomposition products: Oxides of carbon  
 Hazardous polymerization: Will not occur.

**Polycote Flortex EP - Part A Cont.**

312 05+A

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute toxicity:

Eyes: Irritant

Skin: Irritant. May cause sensitisation by Skin contact.

Inhalation: May cause irritation of nose, throat and lungs.

Ingestion: May be harmful if accidentally swallowed.

**SECTION 12: ECOLOGICAL INFORMATION**

Mobility: Heavier than water.

Other adverse affects: Toxic to aquatic organisms. Not expected to be toxic to sewage treatment

Bioaccumulative potential: Bioaccumulation potential.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Product disposal: Remove according to local authority recommendations. Used licensed waste disposal contractor.

Container disposal: Remove according to local authority recommendations. Used licensed waste disposal contractor. Do not reuse containers without commercial cleaning.

**SECTION 14: TRANSPORT INFORMATION**

ADR RID	UN3082	CLASS 9	PACKING GROUP III
	Proper Shipping Name:		Environmentally Hazardous Substance
			Liquids Nos Epoxy Resin
IMDG IMO	UN3082	CLASS 9	PACKING GROUP III
			Marine Pollutant
IATA IMO	UN3082	CLASS 9	PACKING GROUP III

**SECTION 15: REGULATORY INFORMATION**

Label Information: Contains epoxy resin.  
Average Molecular weight <700  
Xi Irritant,  
N 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: S2 Keep out of reach of children.  
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.  
S38 In case of insufficient ventilation wear suitable respiratory equipment.  
S61 Avoid release to the environment Refer to special instructions/ Safety Data Sheets.

**SECTION 16: OTHER INFORMATION**

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

Date of Issue: March 2006

**Polycote UK**

Centre Point • Wolsley Road • Woburn Road Industrial Estate  
Kempston • Beds • MK42 7EF  
Technical Helpline: 01234 846400



*"maintenance made easy"*