

**1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

Product name: ERC 1:1 COMBINED
Product code: 10066
Company name: Chemfix Products Limited
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2. HAZARDS IDENTIFICATION

Classification under CHIP: Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful 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 mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL 1-3%
EINECS: 202-013-9 CAS: 90-72-2
[Xn] R22; [Xi] R36/38

- BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 10-20%
EINECS: 500-033-5 CAS: 25068-38-6
[Xi] R36/38; [Sens.] R43; [N] R51/53
- OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES 1-3%
EINECS: 271-846-8 CAS: 68609-97-2
[Xi] R38; [Sens.] R43
- BISPHENOL F-(EPICHLORHYDRIN), EPOXY RESIN 1-3%
CAS: 28064-14-4
[Xi] R36/38; [Sens.] R43; [N] R51/53

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.

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

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

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

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: 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.

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

Suitable packaging: Must only be kept in original packaging.

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 goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Various

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Viscous

Boiling point/range°C: >200

Flash point°C: >100

Relative density: 1.45

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Amines.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute effects: Irritating to eyes and skin.

Sensitisation: May cause sensitisation by skin contact.

11. TOXICOLOGICAL INFORMATION (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 soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water. Heavier than water.

Persistence and degradability: Not biodegradable.

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

13. DISPOSAL CONSIDERATIONS

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: 3077

ADR Class: 9

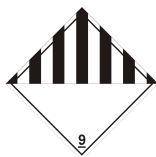
Packing group: 111

Classification code: M7

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT})

Labelling: 9+EHS

Hazard ID no: 90

**IMDG / IMO**

UN no: 3077

Class: 9

Packing group: 111

EmS: F-A,S-F

Marine pollutant: 9

Labelling: 9+EHS

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IATA / ICAO

UN no: 3077	Class: 9
Packing group: 111	Packing instructions: 911
Labelling: 9+EHS	

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.
 R43: May cause sensitisation by skin contact.
 R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S2: Keep out of the reach of children.
 S24: Avoid contact with skin.
 S37: Wear suitable gloves.

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

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

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.
 * indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.3: R22: Harmful if swallowed.
 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.
 R38: Irritating to skin.

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.