



SAFETY DATA SHEET

CREA (RESIN)

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Revision No: 3

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

Product name: CREA (RESIN)

Use / description of product: Clear rapid epoxy adhesive (resin).

Company name: Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 50-70%

EINECS: 500-033-5 CAS: 25068-38-6

[Xi] R36/38; [Sens.] R43; [N] R51/53

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. May lead to sensitisation. Contact at elevated temperatures can cause thermal burns.

Eye contact: There may be irritation and redness. Contact at elevated temperatures can cause thermal burns.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream. Seek medical advice if irritation develops.

Eye contact: Flush eyes with clean water for at least 15 minutes whilst holding eyelids open. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Get prompt medical attention.

Inhalation: If affected, remove to fresh air. Seek medical attention.

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5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

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: 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.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid contact with eyes and skin. Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep away from heat, sparks and flame. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: May be required during grinding/sanding operations of cured resin. Use NIOSH approved dust/particle respirator.

Hand protection: Protective gloves.

Eye protection: Wear safety glasses if there is a risk of eye contact. Ensure eye bath is to hand.

Skin protection: Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Clear

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Boiling point/range°C: >260

Relative density: 1.19

pH: 7.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Heat is generated when resin is mixed with curing agents.

Conditions to avoid: Naked flames. Extreme heat.

Materials to avoid: Strong acids. Strong bases.

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Haz. decomp. products: Oxides of carbon. Aldehydes, acids and other organic substances may be formed during combustion or elevated temperature degradation.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

ORL MUS LD50 15600 mg/kg

ORL RAT LD50 11400 mg/kg

SKN RBT LD50 >20 ml/kg

Chronic toxicity: May cause sensitisation by skin contact.

Routes of exposure: May cause skin irritation after prolonged or repeated contact.

12. ECOLOGICAL INFORMATION

Persistence and degradability: No information available on the product as a whole.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Unicorn Chemicals Ltd to arrange disposal.

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.

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 the reach of children.

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S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

Other information: This product belongs to Hazard Groups C and S under the HSE COSHH Essentials guidelines (Publication HSG193).

Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: 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.

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.