



SAFETY DATA SHEET

CREA (HARDENER)

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Issued: 31/03/06

Revision No: 2

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

Product name: CREA (HARDENER)

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

Company name: Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: A blend of polymercaptopolyamide resin/curing agents.

3. HAZARDS IDENTIFICATION

Main hazards: Causes burns. May cause sensitisation by skin contact.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Irritation or pain may occur at the site of contact. Blistering or burns may occur. May lead to sensitisation.

Eye contact: There may be irritation and redness. The eyes may water profusely. Corneal burns may occur.

Ingestion: Slightly toxic by ingestion. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Slightly toxic by inhalation. Can cause nausea and irritation of the respiratory tract.

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: Remove to fresh air. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

5. FIRE-FIGHTING MEASURES

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

Exposure hazards: Corrosive. In combustion emits toxic fumes.

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

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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 suitable container. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid contact with eyes and skin. Wash all protective clothing thoroughly after use. Wash hands before meals and after work.

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 clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Amber

Odour: Characteristic odour

Solubility in water: Fairly soluble.

Viscosity: Viscous

Relative density: 1.12

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Naked flames. Extreme heat.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur; hydrogen sulphide.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: May cause sensitisation by skin contact.

Routes of exposure: Severe skin irritant. May cause burns.

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12. ECOLOGICAL INFORMATION**Mobility:** Soluble in water.**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:** 3267**ADR Class:** 8**Packing group:** III**Classification code:** C7**Shipping name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (POLYMERCAPTAN/AMINE BLEND)**Labelling:** 8**Hazard ID no:** 80**IMDG / IMO****UN no:** 3267**Class:** 8**Packing group:** III**EmS:** F-A,S-B**Marine pollutant:** .**Labelling:** 8**IATA / ICAO****UN no:** 3267**Class:** 8**Packing group:** III**Packing instructions:** 818(P&CA); 820(CAO)**Labelling:** 8**15. REGULATORY INFORMATION****Hazard symbols:** Corrosive.**Risk phrases:** R34: Causes burns.

R43: May cause sensitisation by skin contact.

Safety phrases: S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

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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).

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.

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.