



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

Product name: #ALTROCOAT CLEAR HARDENER
Product code: CC5H
Company name: Altro Resins
Unit 3, Station Road Industrial Estate
Maiden Newton
Dorchester
Dorset
DT2 0AE
Tel: 01300 320620
Fax: 01300 321122
Email: info@altro.com

2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ISOPROPANOL 1-10%
CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

- 2-BUTOXYETHANOL 1-10%
EINECS: 203-905-0 CAS: 111-76-2
[Xn] R20/21/22; [Xi] R36/38
- 3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE <1%
EINECS: 203-986-2 CAS: 112-57-2
[Xn] R21/22; [C] R34; [Sens.] R43; [N] R51/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: An itchy rash may occur at the site of contact.
Eye contact: There may be irritation and pain.
Ingestion: There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water. Transfer to hospital as soon as possible.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Dry chemical powder. Alcohol resistant foam. Carbon dioxide.
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. Contain the spillage using bunding.
Clean-up procedures: Absorb into dry earth or sand. 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

Hazardous ingredients: ISOPROPANOL
WEL (8 hr TWA): 400ppm WEL (15 min STEL): 500ppm

- 2-BUTOXYETHANOL
WEL (8 hr TWA): 25 ppm WEL (15 min STEL): 50 ppm

Engineering measures: Ensure there is sufficient ventilation of the area.
Hand protection: Protective gloves.
Eye protection: Tightly fitting safety goggles.
Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid
Colour: Yellow
Odour: Perceptible odour
Solubility in water: Miscible

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Direct sunlight. Heat.
Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ISOPROPANOL
 ORL RAT LD50 5840 mg/kg
 SKN RBT LD50 12800 mg/kg

- 2-BUTOXYETHANOL
 IVN RAT LD50 307 mg/kg
 ORL MUS LD50 1230 mg/kg
 ORL RAT LD50 470 mg/kg
- 3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE
 IPR RAT LD50 205 mg/kg
 IVN MUS LD50 320 mg/kg
 ORL RAT LD50 3990 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: ISOPROPANOL
 FISH FATHEAD MINNOWS 96H LC50 9600 mg/l

Mobility: Soluble in water.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Cured Material may be disposed of as plastic waste, uncured material and containers must be disposed of in accordance to local council regulations.

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

14. TRANSPORT INFORMATION**ADR / RID**

Shipping name: Not classified as hazardous for transport

IMDG / IMO**IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: No significant hazard.
Precautionary phrases: Contains May produce an allergic reaction.
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 EC Directive 2001/58/EC.
Risk phrases used in s.3: R11: Highly flammable.
 R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

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.