

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

**Product name:** #ALTROSOLOSAFE HARDENER INCORPORATING RAPICURE TECHNOLOGY  
**Product code:** SSQBH  
**Company name:** Altro Resins  
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**2. HAZARDS IDENTIFICATION**

**Main hazards:** Harmful by inhalation and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** M-XYLYLENE DIAMINE 50-70%  
CAS: 73050-11-0  
[C] R34; [Sens.] R43; [Xn] R20/22; [-] R52/53  
• BENZYL ALCOHOL 10-30%  
EINECS: 202-859-9 CAS: 100-51-6  
[Xn] R20/22  
• BISPHENOL A/F EPOXY RESIN 10-30%  
CAS: 40216-08-8  
[Xi] R36/38; [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:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**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:** Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.  
**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.  
**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. If outside keep bystanders upwind and away from danger point.  
**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**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.  
**Hand protection:** Protective gloves.  
**Eye protection:** Safety glasses with side-shields.  
**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid  
**Colour:** Colourless  
**Odour:** Perceptible odour

**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.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** BENZYL ALCOHOL  
 IVN RAT LD50 53 mg/kg  
 ORL MUS LD50 1360 mg/kg  
 ORL RAT LD50 1230 mg/kg  
**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Other adverse effects:** Harmful to aquatic organisms.

**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.  
**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.  
**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  
**Shipping name:** Corrosive Liquid Basic Organic (M-XYLYLENE DIAMINE; BENZYL ALCOHOL; BISPHENOL A/F EPOXY RESIN)  
**Labelling:** 8



**IMDG / IMO**

**UN no:** 3267 **Class:** 8  
**Packing group:** III

**Labelling:** Corrosive

**IATA / ICAO**

**UN no:** 3267

**Class:** 8

**Packing group:** III

**Labelling:** Corrosive

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.



**Risk phrases:** R20/22: Harmful by inhalation and if swallowed.  
 R34: Causes burns.  
 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:** 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).

**Precautionary phrases:** Contains epoxy constituents. See information supplied by the manufacturer.

**Haz. ingredients (label):** M-XYLYLENE DIAMINE; BENZYL ALCOHOL; BISPHENOL A/F 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**

**Risk phrases used in s.3:** R34: Causes burns.  
 R43: May cause sensitisation by skin contact.  
 R20/22: Harmful by inhalation and if swallowed.  
 R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R36/38: Irritating to eyes and skin.  
 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.