

Safety Data Sheet (SDS)

Product name: Ultra-CastX Resin

Compilation date: 15-07-2026

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Ultra-CastX Resin

Unique Formula Identifier (UFI): E600-6059-M007-5S7F

1.2. Relevant identified uses of the substance or mixture and uses advised against

Polymer resin systems.

1.3. Details of the supplier of the safety data sheet

Company name: Eli-Chem Resins U.K Ltd

Address: Cranleigh, Surrey, GU6 8RZ, United Kingdom

Tel: +44 (0) 1483 26 66 36

Email: sales@elichem.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1483 26 66 36 (office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

- **Classification under CLP:** Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411
- **Most important adverse effects:** 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.

2.2. Label elements under CLP

- **Signal words:** Warning
- **Hazard pictograms:** GHS07 (Exclamation mark), GHS09 (Environmental)
- **Hazard statements:**
 - H315: Causes skin irritation.
 - H317: May cause an allergic skin reaction.
 - H319: Causes serious eye irritation.
 - H411: Toxic to aquatic life with long lasting effects.
- **Precautionary statements:**
 - P264: Wash hands thoroughly after handling.
 - P273: Avoid release to the environment.
 - P280: Wear protective gloves.
 - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P332+P313: If skin irritation occurs: Get medical attention.
- **Contents:**
 - Bisfenol A diglycidylether

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

Ingredient	EINECS	CAS No.	CHIP Classification	CLP Classification	Percent
BISPHENOL A- (EPICHLORHYDRIN) {REACTION PRODUCT}	500-033-5	25068-38-6	Xi: R36/38; Sens.: R43; N: R51/53	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	>90%

Section 4: First aid measures

4.1. Description of first aid measures

- **Eye Contact:** In cases of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- **Skin Contact:** Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms appear.
- **Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if symptoms persist.
- **Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

General: No specific treatment, treat symptomatically.

Section 5: Fire-fighting measures

- **Flammability of the Product:** May be combustible at high temperatures.
- **Auto-ignition Temperature:** Not available.
- **Flash Points:** >200°C
- **Flammable Limits:** Not available.
- **Products of Combustion:** These products are carbon oxides (CO, CO₂...).
- **Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of open flame, sparks and static discharge, of heat.
- **Explosion Hazards in Presence of Various Substances:** Non identified.
- **Fire Fighting Media and Instructions:** In case of fire, use water spray (fog), foam, dry chemical, or CO₂.
- **Special protective Equipment for fire-fighters:** Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Section 6: Accidental release measures

- **Personal precautions:** Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Follow all fire fighting procedures.
- **Environmental Precautions and Clean-up Methods:** Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information. If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7: Handling and storage

- **Handling:** Wash thoroughly after handling. Use suitable protective equipment.
- **Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

- **Packaging materials Recommended:** Use original container.
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Section 8: Exposure controls/personal protection

- **Exposure Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
 - **Respiratory protection:** A respirator is not needed under normal and intended conditions of product use. Wear appropriate respirator when ventilation is inadequate.
 - **Hand protection:** Rubber gloves. Neoprene gloves.
 - **Eye protection:** Safety glasses. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.
 - **Skin protection:** Additional body garments should be used based upon the task being performed (e.g. sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Appropriate techniques should be used to remove potentially contaminated clothing.
 - **Occupational exposure limits:** n/a
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Section 9: Physical and chemical properties

- **State:** Liquid
 - **Colour:** Clear transparent
 - **Odour:** Mild odour
 - **Viscosity:** Free flowing liquid
 - **Boiling point/range:** 240°C
 - **Relative density:** 1.1 - 1.15 g/cm³
 - **Flash point:** >200°C
 - **pH:** 7
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Section 10: Stability and reactivity

- **Stability and Reactivity:** The product is stable.
 - **Conditions of Instability:** Heat and cold below 0°C.
 - **Incompatibility with Various Substances:** Reactive with acids, strong bases, oxidising agents.
 - **Hazardous Decomposition Products:** These products are carbon oxides (CO, CO₂) and nitrogen oxides (NO, NO₂...).
 - **Hazardous Polymerization:** Will not occur under normal transport or storage conditions.
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Section 11: Toxicological information

Potential Acute Health Effects

- **Inhalation:** Avoid inhalation, use adequate ventilation.
- **Ingestion:** Ingestion may cause gastrointestinal irritation and diarrhea. There may be soreness and redness of the mouth and throat.
- **Skin contact:** Irritating to skin. May cause sensitisation by skin contact.
- **Eye contact:** Irritating to eyes.

Target Organs: Contains material which causes damage to the following organs: lung, cardiovascular system, skin, eye, lens or cornea.

Other adverse effects: None identified.

Section 12: Ecological information

- **Ecotoxicity Data:** Not available.
 - **BOD and COD:** Not available.
 - **Biodegradable/OECD:** Not biodegradable.
 - **Mobility:** Readily absorbed into soil.
 - **Products of Degradation:** These products are carbon oxides (CO, CO₂), water and nitrogen oxides (NO, NO₂...).
 - **Toxicity of the Products of Biodegradation:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The products of biodegradation are less toxic than the original product.
 - **Special Remarks on the Products of Biodegradation:** Not expected to bioaccumulate.
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Section 13: Disposal considerations

- **Waste Disposal:** Incinerate in a licensed high temperature hazardous waste incinerator. Dispose of according to all federal, state and local applicable regulations.
 - **Waste Stream:** Not applicable.
 - **Waste Code No:** 070208
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Section 14: Transport information

Not regulated (ADR/RID/SABS, IMDG, IATA-DGR).

Section 15: Regulatory information

Hazard symbol(s): Irritant (Xi)

- **Risk phrases:** R36/38, R43, R51/53
- **Safety phrases:** S24, S37, S61
- **Contains:** Reaction product: bisphenol A-(epichlorhydrin) 500-033-5

Section 16: Other information

*This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text which has changed since last revision.*

Phrases used in s.2 and 3:

- H315: Causes skin irritation.
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- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long lasting effects.