SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

CER - CLEAR CASTING EPOXY RESIN

Version: 3	**Date of Issue:** 18 NOV 2026	**SDS Ref.:** CER RESIN	**Language:** EN (English)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form	Mixtures
Product name	CER - CLEAR CASTING EPOXY RESIN
Type of product	Resin
UFI	H6GT-NP78-FD1N-ATUS

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

1.2.1. Relevant identified uses	Intended for general public; Industrial use
Main use category	Intended for general public; Industrial
Industrial/Professional use spec	Industrial
Use of the substance/mixture	Industrial laminating resin, casting, injection, winding, infusion, gluing, foaming, coatings and sealants.
1.2.2. Uses advised against	No additional information available

1.3. Details of the supplier of the safety data sheet

Company	**raeK Chemicals (UG) Limited** Plot 63, 8th Street, Namuwongo Rd, Industrial Area, Kampala, Uganda
Telephone	+256 751 241479
E-mail	sales@raekchemicals.com

1.4. Emergency telephone number

Supplier Emergency Contact	+256 751 241479 (raeK Chemicals (UG) Limited)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Hazard Class and Category	Hazard Statement
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Sensitisation - Skin, Category 1	H317
Hazardous to the aquatic environment - Chronic Hazard, Category 2	H411

Full text of H statements: see section 16. **Adverse physicochemical, human health and environmental effects:** No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP): GHS07 (Exclamation mark), GHS09 (Environment) | **Signal word (CLP):** **WARNING**

Hazardous ingredients	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.; bis-[4-(2,3-epoxipropoxi)phenyl]propane
Hazard statements (CLP)	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 (CLP)	P102 - Keep out of reach of children P270 - Do not eat, drink or smoke when using this product P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician P281 - Use personal protective equipment as required P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	EUH205 - Contains epoxy constituents. May produce an allergic reaction

2.3. Other hazards

Other hazards not contributing to the classification: None under normal conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances: Not applicable.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
bis-[4-(2,3-epoxipropoxi)phenyl]propane	(CAS No) 1675-54-3 (EC No) 216-823-5 (EC Index No) 603-073-00-2 (REACH-no) 01-2119456619-26	≥ 75 – ≤ 90	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	(CAS No) 68609-97-2 (EC No) 271-846-8 (REACH-no) 01-2119485289-22	≥ 10 – ≤ 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

Specific concentration limits

Name	Product identifier	Specific concentration limits
bis-[4-(2,3-epoxipropoxi)phenyl]propane	(CAS No) 1675-54-3 / (EC No) 216-823-5 / (EC Index No) 603-073-00-2 / (REACH-no) 01-2119456619-26	(C ≥ 5) Skin Irrit. 2, H315 (C ≥ 5) Eye Irrit. 2, H319

Full text of H-statements: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	Allow the victim to rest. Assure fresh air breathing. Give oxygen or artificial respiration if necessary. If breathing stops, give artificial respiration. Call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. Do not use solvents or thinners. If on skin and if skin irritation or rash occurs, seek medical advice and attention.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist immediately.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/injuries after skin contact	Causes skin irritation. May cause moderate irritation. This material or its emissions may induce an allergic or sensitization reaction and thereby aggravate existing systemic disease.
Symptoms/injuries after eye contact	Causes eye irritation. May cause moderate irritation, including burning sensation, tearing, redness or swelling.

4.3. Indication of any immediate medical attention and special treatment needed

For the Anti-poison Center indicate all the components including the non dangerous ones to obtain (when possible) a total of 100%.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media	Carbon dioxide. Water spray. Dry powder. Alcohol resistant foam.
5.1. Unsuitable extinguishing media	Do not use a heavy water stream.
5.2. Explosion hazard	Heat may cause pressure rise with explosion of tanks/drums.
5.2. Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide. Nitrogen oxides. Toxic fumes.

5.3. Firefighting instructions	Evacuate the danger area. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
5.3. Protection during firefighting / Other info	Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1.1. For non-emergency personnel	**Protective equipment:** Manipulations are to be done only by qualified and authorised persons. Wear recommended personal protective equipment. **Emergency procedures:** If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.
6.1.2. For emergency responders	**Protective equipment:** Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Wear proper protective equipment. **Emergency procedures:** Stop release. Place in an appropriate container and dispose of the contaminated material at a licensed site.
6.2. Environmental precautions	Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.
6.3. Methods for cleaning up	Clean up any spills as soon as possible, using an absorbent material to collect it. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
6.4. Reference to other sections	Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling	Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.
7.1. Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Storage conditions	Store, if possible, in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.
7.2. Incompatible products / Storage area / Packaging	**Incompatible products:** Oxidizing agent. Strong bases. Strong acids. **Storage area:** Store in a well-ventilated place. **Special rules on packaging:** Store in a closed container.
7.3. Specific end use(s)	No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters: No additional information available.

8.2. Exposure controls

Personal protective equipment	Avoid all unnecessary exposure. Gas mask. Protective clothing. In case of splash hazard: safety glasses. Gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hand protection	Nitrile-rubber protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)
Eye protection	Chemical goggles or face shield
Skin and body protection	Wear suitable protective clothing
Respiratory protection	Wear respiratory protection. Gas mask with filter type A
Consumer exposure controls / Other info	Avoid contact during pregnancy/while nursing. Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state / Appearance / Colour	Liquid / Clear, colorless liquid. / Colourless.
Odour / Odour threshold	slight. / No data available
pH / Relative evaporation rate (butylacetate=1)	No data available / No data available
Melting / Freezing / Boiling / Flash / Auto-ignition / Decomposition	No data available
Flammability (solid, gas) / Vapour pressure / Relative vapour density (20 °C)	No data available
Relative density / Relative density of saturated gas/air mixture	1.1 / 1.1
Solubility / Log Pow	No data available / No data available
Viscosity, kinematic / dynamic	No data available / 0.7–1.1 Pa.s
Explosive / Oxidising properties / Explosive limits	No data available

9.2. Other information: No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	No dangerous reactions known under normal conditions of use.
10.2. Chemical stability	Stable in use and storage conditions as recommended in item 7.
10.3. Possibility of hazardous reactions	Refer to section 10.1 on Reactivity.
10.4. Conditions to avoid	No data available.
10.5. Incompatible materials	Strong acids. Oxidizing agent. Strong bases. Amines.
10.6. Hazardous decomposition products	Carbon dioxide. Carbon monoxide. Nitrogen oxides. Toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Not classified. **ATE CLP (oral):** 500.000 mg/kg bodyweight | **ATE CLP (dermal):** 1100.000 mg/kg bodyweight **oxirane, mono[(C12-14-alkyloxy)methyl] derivs.:** LD50 oral rat > 5000 mg/kg **bis-[4-(2,3-epoxipropoxi)phenyl]propane:** LD50 oral rat: 11400 mg/kg; LD50 oral: ≈ 2000 mg/kg; LD50 dermal rabbit > 2000 mg/kg
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity / Carcinogenicity / Reproductive toxicity	Not classified / Not classified / Not classified
STOT-single / STOT-repeated exposure / Aspiration hazard	Not classified / Not classified / Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	Ecology - general / air / water: No data. **bis-[4-(2,3-epoxipropoxi)phenyl]propane:** LC50 fish 1: 1.3 mg/l; EC50 Daphnia 1: 2.1 mg/l; EC50 72h algae (1): 11 mg/l.
12.2 – 12.4 Persistence, Bioaccumulation & Mobility	bis-[4-(2,3-epoxipropoxi)phenyl]propane & oxirane, mono[(C12-14-alkyloxy)methyl] derivs.: No data.
12.5. Results of PBT and vPvB assessment	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.
12.6. Other adverse effects	No data.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	Do not flush down sewers. Dispose of this material and its container at hazardous or special waste collection point.
Product/Packaging disposal & Ecology	Recycle or dispose of in compliance with current legislation. Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN:

Mode	14.1 UN No.	14.2 Proper Shipping Name / Description	14.3 Class	14.4 Packing Group
ADR	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER) — UN 3082, 9, III, (E)	9 (Label: 9)	III

Mode	14.1 UN No.	14.2 Proper Shipping Name / Description	14.3 Class	14.4 Packing Group
IMDG	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER) — UN 3082, 9, III, MARINE POLLUTANT	9 (Label: 9)	III
IATA	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER) — 9, III	9 (Label: 9)	III
ADN	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER) — UN 3082, 9, III	9 (Label: 9)	III
RID	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER) — UN 3082, 9, III	9 (Label: 9)	III

14.5. Environmental hazards	Dangerous for the environment: Yes | Marine pollutant: Yes | Other information: No supplementary information available
14.6. Special precautions for user	**Overland transport (ADR):** Classification code: M6 | Special provisions: 274, 335, 601, 375 | Limited quantities: 5l | Excepted quantities: E1 | Packing instructions: P001, IBC03, LP01, R001 | Special packing: PP1 | Mixed packing: MP19 | Portable tank: T4 (TP1, TP29) | Tank code: LGBV | Vehicle: AT | Transport category: 3 | Special carriage: V12, CV13 | Kemler No.: 90 | Tunnel: E | EAC: 3Z. **Transport by sea (IMDG):** Special provisions: 274, 335, 969 | LQ: 5L | EQ: E1 | PI: P001, LP01 (PP1) | IBC: IBC03 | Tank: T4 (TP2, TP29) | EmS: F-A, S-F | Stowage: A. **Air transport (IATA):** PCA EQ: E1 | PCA LQ: Y964 (30kgG) | PCA/CAO PI: 964 (450L) | Special provisions: A97, A158, A197 | ERG: 9L. **Inland waterway (ADN):** Code: M6 | SP: 274, 335, 375, 601 | LQ: 5L | EQ: E1 | Carriage: T | Equipment: PP | Blue cones/lights: 0. **Rail transport (RID):** Code: M6 | SP: 274, 335, 375, 601 | LQ: 5L | EQ: E1 | PI: P001, IBC03, LP01, R001 (PP1, MP19) | Tank: T4 (TP1, TP29), LGBV | Cat.: 3 | Carriage: W12, CW13, CW31 | Colis express: CE8 | HIN: 90.
14.7. Transport in bulk (Marpol / IBC)	IBC code: Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1.1. EU-Regulations	Contains no REACH substances with Annex XVII restrictions. Contains no substance on the REACH candidate list. Contains no REACH Annex XIV substances.
15.1.2. National regulations	No additional information available
15.2. Chemical safety assessment	Not applicable

SECTION 16: OTHER INFORMATION

Full text of H- and EUH-statements

Code	Description
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
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
EUH205	Contains epoxy constituents. May produce an allergic reaction

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: Information in this safety data sheet is based on actual knowledge in our possession and our experience. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. (SDS EU REACH Annex II)

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