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

CER - CLEAR CASTING EPOXY HARDENER

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

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

1.1. Product identifier

Product form	Substance
Product name	CER - CLEAR CASTING EPOXY HARDENER
Type of product	Hardener (Crosslinker)
UFI	U3P6-Y0N3-K00R-AF1T

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	Laminating hardener, 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
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 4	H312
Serious eye damage/eye irritation, Category 1	H318
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): GHS05 (Corrosion), GHS07 (Exclamation mark), GHS09 (Environment) | **Signal word (CLP):** DANGER

Hazardous ingredients	Propylidynetrimethanol, propoxylated, reaction products with ammonia
Hazard statements (CLP)	H302+H312 - Harmful if swallowed or in contact with skin H318 - Causes serious eye damage 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 P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P281 - Use personal protective equipment as required P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propylidynetrimethanol, propoxylated, reaction products with ammonia	(CAS No) 39423-51-3 (EC No) 500-105-6 (REACH-no) 01-2119556886-20	≥ 90 – ≤ 100	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Aquatic Chronic 2, H411

3.2. Mixtures: Not applicable. Full text of H-statements: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. Respiratory arrest: artificial respiration or oxygen. If unconscious place in recovery position and seek medical advice.
First-aid measures after skin contact	Wash contaminated clothing before reuse. Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. If on skin and if skin irritation or rash occurs, seek medical advice and attention.
First-aid measures after eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often. Consult an eye specialist if necessary.
First-aid measures after ingestion	Rinse mouth. Do not induce vomiting because of corrosive effects. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after inhalation	Cough. May cause respiratory irritation. Severe inhalation hazard.
Symptoms/injuries after skin contact	May cause moderate irritation.
Symptoms/injuries after eye contact	May cause moderate irritation, including burning sensation, tearing, redness or swelling. Risk of damage to eyes.
Symptoms/injuries after ingestion	May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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	Water spray. Foam. Dry powder. Carbon dioxide.
5.1. Unsuitable extinguishing media	Do not use a heavy water stream.
5.2. Fire hazard	Do not breathe fumes from fires or vapours from decomposition.
5.2. Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide. Nitrogen oxides.
5.3. Precautionary measures fire	Evacuate personnel to a safe area. Do not enter fire area without proper protective equipment, including respiratory protection.
5.3. Firefighting instructions	Exercise caution when fighting any chemical fire. Unauthorized persons are not admitted. Eliminate all ignition sources if safe to do so. Prevent fire fighting water from entering the environment.

5.3. Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Special protective equipment for fire-fighters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. General measures	No open flames. No smoking. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
6.1.1. For non-emergency personnel / 6.1.2. For emergency responders	No additional information available.
6.2. Environmental precautions	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. Do not allow to enter drains or water courses.
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	Provide good ventilation in process area to prevent formation of vapour. Avoid all unnecessary exposure. Do not handle until all safety precautions have been read and understood. Keep containers closed.
7.1. Hygiene measures	Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 in original container. Store, if possible, in a cool, well ventilated place away from incompatible materials.
7.2. Incompatible products / materials	**Incompatible products:** Strong acids. Oxidizing agent. Halogenated hydrocarbons. **Incompatible materials:** Heat sources.
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	Self-contained breathing apparatus. Gloves. Gas mask. Protective clothing. Protective goggles. High gas/vapour concentration: gas mask with filter type K.
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. High gas/vapour concentration: gas mask with filter type K

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 / Colour	Liquid / colourless to slightly yellow
Odour / Odour threshold	Amine-like. / No data available
pH / Relative evaporation rate (butylacetate=1)	No data available / No data available
Melting point / Freezing point / Boiling point	No data available
Flash point / Auto-ignition / Decomposition temp.	No data available
Flammability (solid, gas) / Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	0.96
Solubility / Log Pow	No data available / No data available
Viscosity, kinematic / dynamic	No data available / 80 mPa.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 / 10.3. Hazardous reactions	No additional information available
10.2. Chemical stability	Stable in use and storage conditions as recommended in item 7.
10.4. Conditions to avoid	Heat. Open flame. Sparks.
10.5. Incompatible materials	Strong acids. Oxidizing agent. metals. halogenated hydrocarbons.
10.6. Hazardous decomposition products	Carbon monoxide. Carbon dioxide. Nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. **ATE CLP (oral):** 500.000 mg/kg bodyweight | **ATE CLP (dermal):** 1100.000 mg/kg bodyweight
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity / Carcinogenicity	Not classified / Not classified

Reproductive toxicity	Not classified
STOT-single / STOT-repeated exposure	Not classified / Not classified
Aspiration hazard	Not classified

SECTION 12: ECOLOGICAL INFORMATION & SECTION 13: DISPOSAL CONSIDERATIONS

12.1 – 12.6 Ecological information	Toxicity, Persistence and degradability, Bioaccumulative potential, Mobility in soil, PBT/vPvB assessment, Other adverse effects: No additional information available.
13.1. Waste treatment methods	No additional information available.

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. (UN 3082, 9, III, (E))	9 (Label: 9)	III
IMDG	3082	Not applicable (UN 3082, 9, MARINE POLLUTANT)	9	Not applicable
IATA	3082	Not applicable (UN 3082, 9)	9	Not applicable
ADN	3082	Not applicable (UN 3082, 9)	9	Not applicable
RID	3082	Not applicable (UN 3082, 9)	9 (Label: 9)	Not applicable

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 | Limited quantities: 5l | Excepted quantities: E1 | Vehicle for tank carriage: AT | Transport category: 3 | Hazard identification number (Kemler No.): 90 | Tunnel restriction code: E. **Transport by sea / Air / Inland waterway / Rail:** No data available.
14.7. Transport in bulk (Marpol / IBC)	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 / 15.2. CSA	No additional information available.

SECTION 16: OTHER INFORMATION

Full text of H- and EUH-statements

Code	Description
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H411	Toxic to aquatic life with long lasting effects

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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