

Section 1: Identification


PRODUCT IDENTIFIER: ULTRATHIN EPOXY RESIN

CHEMICAL FAMILY: MODIFIED BISPHENOL A - EPOXY RESIN mixture

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
 Customer No. 16568

MANUFACTURER: PACE Technologies
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Section 2: Hazard(s) Identification

GHS CLASIFICATION:	Acute toxicity, oral (Category 3) Skin corrosion/irritation (Category 2) Sensitization, Skin (Category 1B) Serious eye damage / eye irritation (Category 2) Acute toxicity, inhalation (Category 4) Germ cell mutagenicity (Category 2) Hazardous to the aquatic environment, chronic hazard (Category 2)
PICTOGRAM(s):	
SIGNAL WORD:	Danger
HAZARD STATEMENTS:	Hazard Statement(s): H301-Toxic if swallowed. H315-Causes skin irritation. H317-May cause an allergic skin reaction. H319-Causes eye irritation H332-Harmful if inhaled. H341-Suspected of causing genetic defects. H411-Toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS:	Precautionary Statement(s): Preventions: P201- Obtain special instructions before use. P202- Do not handle until all safety precautions have been read and understood. P261-Avoid breathing P264- Wash skin thoroughly after handling. 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.
P280- Wear protective gloves/protective clothing/eye protection/face protection.
P281- Use personal protective equipment as required.

Response:
P301+310- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352-IF ON SKIN: wash with plenty of soap and water.
P304+P340-IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313- IF exposed or concerned: Get medical advice/attention
P312-Call a POISON CENTER or doctor/physician if you feel unwell.
P321- Specific treatment (see ... on this label).
P330- Rinse mouth
P332+P313-IF SKIN irritation occurs: Get medical advice/attention.
P337-P313-IF eye irritation persists: Get medical advice/attention.
P362-Take off contaminated clothing and wash before reuse.
P391- Collect spillage. Hazardous to the aquatic environment

Storage:
P405- Store locked up.

Disposal:
P501- Dispose of contents/container to Federal, State and Local Regulations.

Section 3: Composition/Information on Ingredients

<u>COMPONENT(S)</u>	<u>CAS NO.</u>	<u>%</u>
Bisphenol A	80-05-7	70- 80
Alkyl Glycidyl Ether	68609-97-2	10- 20
1,1,1-trimethylolpropane triacrylate	15625-89-5	5-10

Section 4: First-Aid Measures

EYE CONTACT: Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Rinse cautiously with water for several minutes.

SKIN CONTACT: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Specific treatment (see on this label). Wash contaminated clothing before reuse. If skin irritation or rash occurs :

Wash with plenty of soap and water. Get medical advice.

INHALATION:

Call a POISON CENTER or doctor if you feel unwell. Remove to fresh air and keep at rest in a position comfortable for breathing.

INGESTION :

Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Section 5: Fire-Fighting Measures

FLAMMABILITY OF THE PRODUCT:

Flash Point 164°C (327 °F).

**EXTINGUISHING MEDIA:
Suitable:**

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Not Suitable:

Do not use water jet.

SPECIAL EXPOSURE HAZARDS:

Do not enter fire area without proper protective equipment, including respiratory protection.

HAZARDOUS COMBUSTION PRODUCTS:

Under fire conditions, hazardous fumes will be present.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

ENVIRONMENTAL PRECAUTIONS:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

LARGE SPILLS:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth

and place in container for disposal according to local regulation (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SMALL SPILLS:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal contain. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Section 7: Handling and Storage

HANDLING:

Wash thoroughly after handling. Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapours, spray. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

STORAGE:

Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.
Store away from Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Section 8: Exposure Controls/ Personal Protection

PERSONAL PROTECTION:

Avoid all unnecessary exposure.

RESPIRATORY:

Wear approved mask.

HANDS:

Wear protective gloves.

EYES:

Chemical goggles or safety glasses.

OTHER:

Chemical goggles or safety glasses.

Section 9: Physical and Chemical Properties

SPECIFIC GRAVITY (H₂O=1): 1.13	COLOR: LIGHT YELLOW
Vapor pressure at 20 °C (68 °F): 3.5 hPa (3 mm Hg)	FLASH POINT: 164°C (327 °F)
SOLUBILITY IN WATER: NEGLIGIBLE	IGNITION TEMPERATURE: 215°C (419 °F)

Section 10: Stability and Reactivity

STABILITY: This product is stable.

HAZARDOUS POLYMERIZATION: Under normal conditions of storage and use, hazardous polymerization will not occur.

CONDITIONS TO AVOID: *No further relevant information available.*

MATERIALS TO AVOID: *No further relevant information available.*

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposition products may include the following materials: carbon monoxide, aldehydes, acids.

Section 11: Toxicological Information

ACUTE TOXICITY:

Ingredient Name:	LD50	Animal	Concentration
2426-08-6 butyl glycidyl ether.	Oral Dermal	Rat Rabbit	2050 mg/kg 2520 mg/kg

Primary Irritant Effect

Ingredient Name:	
Skin:	Irritant to skin and mucous membranes
Eye:	Irritating effect.
Sensitization:	Sensitization possible through skin contact.
Additional toxicological information:	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Toxic, Irritant

Section 12: Ecological Information

ENVIRONMENTAL EFFECTS: Toxic for fish

Section 13: Disposal Considerations

WATSE DISPOSAL: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Section 14: Transportation Information

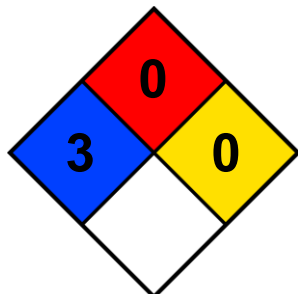
CFR_GROUND	Not regulated in small quantities
IATA_C	Not regulated in small quantities

Section 15: Regulatory Information

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

16.1 NFPA 704



Top, Flammability: 0 – Minimal Hazard

Left, Health Hazard: 3 – Severe Hazard

Right, Reactivity: 0 – Minimal Hazard

Bottom, Special Notice: N/A

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