

Section 1: Identification


PRODUCT IDENTIFIER: EPOXY-ELITE RESIN

CHEMICAL FAMILY: MODIFIED EPOXY RESIN

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

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| GHS CLASIFICATION: | Skin corrosion/irritation (Category 2) Eye irritation (Category 2A) Skin sensitization (Category 1) |
| PICTOGRAM(s): |  |
| SIGNAL WORD: | Warning |
| HAZARD STATEMENTS: | Hazard Statement(s): H315 - Causes Skin Irritation H317 - May cause an allergic skin reaction H319 - Causes Serious eye irritation |
| PRECAUTIONARY STATEMENTS: | Precautionary Statement(s): Preventions: P261-Avoid breathing dust/fume/gas/mist/vapors/spray. P264- Wash skin thoroughly after handling. P272-Contaminated work clothing should not be allowed out of the workplace P280- Wear protective gloves/protective clothing/eye protection/face protection. Response: P284- P403+P233-Store in a well-ventilated place. Keep container tightly closed. P301+312- IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell. P301+P330+P331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |

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| | <p>P302+352- IF ON SKIN: wash with plenty of soap and water. P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321- Specific treatment (Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. Rinse continuously with water while on way to get medical attention). P322- Specific measures (Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15-minutes. Use soap if available or follow by washing with soap and water). P333+P313-IF SKIN irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention</p> <p>P363- Wash contaminated clothing before reuse.</p> <p>Storage: P405- Store locked up.</p> <p>Disposal: P501- Dispose of contents/container to Federal, State and Local Regulations.</p> |
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Section 3: Composition/Information on Ingredients

| <u>COMPONENT(S)</u> | <u>CAS NO.</u> | <u>%</u> |
|----------------------------|----------------|----------|
| Bisphenol-F | 28064-14-4 | >= 50 |
| Alkyl Glycidyl Ether Blend | Trade secret | <50 |

Section 4: First-Aid Measures

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| 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. Avoid breathing dust, fume, gas, mist, vapors, and 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

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| 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

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| STABILITY: | This product is stable and non-reactive under normal conditions. |
| 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 |
|------------------------------------|----------------|---------------|----------------------------|
| TRADE SECRET alkyl glycidyl ether. | Oral Dermal | Rat Rabbit | 19200 mg/kg >4500 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

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| Ingredient Name: | EC50 |
| 68609-97-2 alkyl glycidyl ether. | 10 mg/L |

Section 13: Disposal Considerations

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

Collect all waste in suitable and labeled containers and dispose according to local and federal legislation.

Section 14: Transportation Information

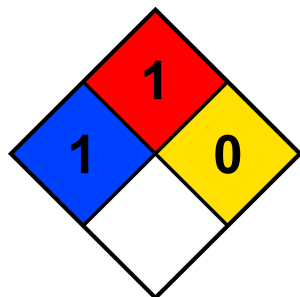
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|------------|-----------------------------------|
| CFR_GROUND | Not regulated in small quantities |
| IATA_C | Not regulated in small quantities |

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: 1 – Slight Hazard

Left, Health Hazard: 1 – Slight Hazard

Right, Reactivity: 0 – Minimal Hazard

Bottom, Special Notice: N/A

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