



MATERIAL SAFETY DATA

Chemtrec 24-Hour Emergency Telephone

Domestic North America (800) 424-9300

International (800) 527-3887

This MSDS complies with 29 CFR 1910.1200 (Hazard Communications)

1. PRODUCT AND SUPPLIER IDENTIFICATION:

Product Name: ORCA Epoxy Resin Easton Blade Part A
Product Number: 1006042
Date of Prep: 1-30-11
Product Type: Epoxy Polymer Mixture
Supplier: Fiberlay Inc.
24 S. Idaho S.
Seattle, Wa 98134
(206)782-0660

2. HAZARDOUS INGREDIENTS:

CAS No.	Chemical Name	Amount	OSHA PEL	ACGIH TLV
25068-38-6	Diglycidyl Ether of Bisphenol A (DGEBPA)	70-80%	None Established	None Established
17557-23-2	Alkylglycidyl Ether	20-30%	None Established	None Established

3. HAZARDOUS IDENTIFICATION:

SPECIFIC HAZARDS: Health 2 Fire 1 Reactivity 0

ADVERSE HUMAN HEALTH EFFECTS : Overexposure

Acute:

- Slightly irritating to skin
- Moderately irritating to eyes
- Odor may irritate nose, throat and respiratory tract of some persons

Chronic: May cause skin sensitization from prolonged and repeated contact

Carcinogenicity: Early studies with DGEBPA have been negative. The IARC concluded in 1988 that DGEBPA was not classifiable as a carcinogen.

4. FIRST AID MEASURES:

Eyes: Flush with water for 15 minutes holding eyelids open; seek medical attention

Skin:

- Remove contaminated clothing and shoes and wipe excess off skin
- Flush skin with water
- Follow by washing in soap and water
- If irritation occurs, seek medical attention
- Do not reuse clothing until cleaned
- Contaminated leather articles (shoes) can not be decontaminated and should be destroyed

Inhalation:

- Remove victim to fresh air and provide oxygen if breathing is difficult
- Give artificial respiration if not breathing
- Get medical attention

Ingestion:

- Do not give liquids if victim is unconscious or very drowsy; otherwise give no more than 2 glasses of water and induce vomiting by giving 2 tablespoons syrup of ipecac (1 tablespoon and 1 glass of water for child)
- If ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of throat
- Keep head below hips while vomiting
- Get medical attention

Medical conditions generally aggravated by exposure: Other than skin sensitization which appears to be permanent, epoxy resin does not appear to cause long term health effects. Nor, does it appear to aggravate other medical conditions.

5. FIRE FIGHTING MEASURES:

Flash Point: > 300°F Method; Pensky-Mertens Closed Cup

Flammable Limits in Air By Volume: Lower: NA Upper: NA

Extinguishing Media:

- Foam
- Carbon Dioxide
- Dry Chemical
- Water Fog

Special Firefighting Procedures:

- When fighting chemical fires wear full protective equipment with self contained breathing apparatus
- Water spray may be used to cool fire exposed containers
- Toxic fumes may be evolved when this substance is burned

6. ACCIDENTAL RELEASE MEASURES:
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If material is spilled:

- Avoid contact with material
- Persons not wearing appropriate protective equipment should leave the area of the spill until cleanup is complete.
- Stop Spill at source; dike area to prevent spreading; pump liquid to salvage tank or drum
- Remaining liquid may be taken up on:
 - ✓ Clay
 - ✓ Diatomaceous earth
 - ✓ Sawdust, or other absorbent
- Shovel into disposal containers

7. PERSONAL PROTECTION:

Respiratory Protection:

- Normally none is required when adequate ventilation is provided
- In the absence of proper environmental control NIOSH approved respiratory is required
- For emergencies, a self-contained breathing apparatus or full-faced respirator is recommended

Ventilation:

- Provide adequate ventilation in work areas
- Confine material in sealed containers when not in use

Hand Protection:

- Always wear impervious gloves, neoprene, vinyl or rubber

Eye Protection:

- Splash proof goggles or safety spectacles with side shields are recommended
- Always wear eye protection when sanding cured epoxy resins to avoid dust in eyes

Other Protective Equipment:

- Wear clean, body-covering clothing to avoid skin contact

8. PHYSICAL AND CHEMICAL PROPERTIES:

Physical Form	Syrupy liquid
Color	Clear
Odor	Little or none
Boiling Range	Not applicable

Specific Gravity	1.1 to 1.3
Material V.O.C.	None
Water Solubility	Negligible
Vapor Density	Heavier than air
Evaporation Rate:	Slower than ether

9. STABILITY AND REACTIVITY:

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibilities:

- Strong oxidizing agents
- Lewis and mineral acids

Instability Conditions: Epoxy resins and epoxy resin hardeners react with each other producing heat. They should not be mixed with each other under uncontrolled conditions or in large mass as the ensuing exotherm may result in heat and smoke resulting in hazardous decomposition products.

Decomposition Products: Oxides of:

- carbon
- aldehydes
- acids

10. DISPOSAL CONSIDERATIONS:

Waste Disposal Method:

- Waste is not hazardous by RCRA criteria (40 CFR 261).
- Place in an appropriate disposal facility in compliance with local regulations

11. TRANSPORTATION INFORMATION:

Department of Transportation Classification: Not Hazardous

D.O.T. Proper Shipping Name: Not Regulated

Other Requirements: This product contains no toxic chemicals subject to the report requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

12. OTHER INFORMATION:

Preparation Date: 1-30-11

Prepared by: Fiberlay Inc

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