ALL-GAME _ ALL-FIX ANTLER-SCULPT PART A

Product Code: 18620

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PRODUCT NAME: D.E.R. (R) 362 EPOXY RESIN

Effective Date: 12/15/89 Date Printed: 04/12/90

MSDS:003417

INGREDIENTS: (% w/w, unless otherwise noted)

Proprietary reaction products of epichlorohydrin and bisphenol A

100%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable VAP. PRESS: Not determined VAP. DENSITY: Not applicable SOL. IN WATER: None SP. GRAVITY: 1.14 APPEARANCE: Water-white to yellow liquid. ODOR: Faint epoxy odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 480F METHOD USED: PMCC

FLAMMABLE LIMITS LFL: Not determined UFL: Not determined

EXTINGUISHING MEDIA: Foam, CO2, dry chemical.

FIRE AND EXPLOSION HAZARDS: None known.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure self-contained breathing apparatus.

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MATERIAL SAFETY DATA SHEET

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4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Excess heating over long periods of time degrades the resin.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Base.

HAZARDOUS DECOMPOSITION PRODUCTS: The by-products expected in incomplete pyrolysis or combustion of apoxy resins are mainly phenolics, carbon monoxide and water. The thermal decomposition products of epoxy resins therefore should be treated as potentially hazardous substances, and appropriate precautions should be taken.

HAZARDOUS POLYMERIZATION: Will not occur by itself, but masses of more than I pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat buildup.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Soak up in absorbent material such as sand and collect in suitable containers. Residual resin may be removed using steam or hot soapy water. Solvents, are not recommended for cleanup unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent MSDS for handling information and exposure guidelines. Keep spark producing equipment away. For large spills evacuate upwind of spills and contain with dike.

DISPOSAL METHOD: Burn in adequate incinerator or bury in an approved landfill; in accordance with local, state, and federal regulations.

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6. HEALTH HAZARD DATA:

EYE: Essentially non-irritating to eyes.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause allergic skin reaction in susceptible individuals.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. The LD50 for skin absorption in rabbits is >2000 mg/kg.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is >2000 mg/kg. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

INHALATION: Vapors are unlikely due to physical properties.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: No relevant information found.

7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: Induce vomiting if large amounts are ingested.
Consult medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

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8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE (S): None established.

VENTILATION: Good general ventilation should be sufficient.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

SKIN PROTECTION: Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation.

EYE PROTECTION: Use safety glasses.

9. ADDITIONAL INFORMATION:

REGULATORY REQUIREMENTS:

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: See Dow bulletin entitled, "Dow Epoxy Resins Safe Handling and Storage Guide". Practice good caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapors or heated material.

MSDS STATUS: Revised sections 6 and 8.

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