

MATERIAL SAFETY DATA SHEET

THE EMBALMERS' SUPPLY COMPANY
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INFORMATION PHONE (860) 739-4200
EMERGENCY PHONE 24 HOURS
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I. IDENTIFICATION

CHEMICAL FAMILY: Drainage Embalming Chemical

TRADE NAME: Epic Drainage

PRODUCT NUMBER: 03000

II. HAZARDOUS INGREDIENTS

| INGREDIENT NAME | CAS # | % | OSHA PEL TWA;STEL(15) | AGCIH TLV TWA;STEL(15) |
|-----------------|----------|------|--------------------------|---------------------------|
| Ethylene Glycol | 107-21-1 | 12.4 | 50ppm Ceiling | |
| Methanol | 67-56-1 | 8.6 | 200ppm; 250ppm Skin | 200ppm; 250ppm Skin |

III. PHYSICAL DATA

| | | | |
|----------------------------------|---------------------------|---------------------------------------|---------------|
| BOILING POINT (At 760mm Hg) (°F) | 195 | SPECIFIC GRAVITY (H ₂ O=1) | 1.028 – 1.030 |
| VAPOR PRESSURE (mm Hg) | 92.0 | MELTING POINT °F | N/A |
| VAPOR DENSITY (Air=1) | >1 | EVAPORATION RATE (Butyl Acetate=1) | <1 |
| SOLUBILITY IN WATER | Complete | PERCENT VOLATILE | 94.7 |
| APPEARANCE & ODOR | Clear Red Liquid. No Odor | | |

IV. FIRE AND EXPLOSION DATA

FLAMMABLE LIMITS IN AIR

FLASH POINT °F (Tag Closed Cup): 142

Lower: 6.0%

Upper: 36.5%

Extinguishing Media: Dry Chemical; Alcohol Foam; Water Spray

V. **HEALTH HAZARD DATA:** Effects of exposure & toxicity data:

INGESTION: Poisonous if swallowed. Can affect the optic nerve resulting in blindness. Can cause mental sluggishness, nausea and vomiting leading to severe illness, possibly death (in humans). **INHALATION:** Extremely high levels cause stupor, headache, nausea, dizziness and unconsciousness.
SKIN CONTACT: Essentially non-irritating. Repeated or prolonged contact causes drying, brittleness, cracking and irritation.
EYE CONTACT: May cause eye injury, which may persist for several days. Liquid and vapor in high concentrations, causes irritation, tearing and burning sensation.

| HMIS RATINGS | |
|--------------|---|
| HEALTH: | 1 |
| FIRE: | 2 |
| REACTIVITY: | 0 |
| SPECIAL: | 0 |

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Induce vomiting of conscious patient immediately by giving two glasses of water and pressing finger down throat. Contact physician immediately.
INHALATION: Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
SKIN CONTACT: Remove contaminated clothing and wash contaminated area with large amounts of water. If irritation persists, call a physician.
EYE CONTACT: Flush eyes with water for at least 15 minutes. Contact a physician immediately

VI. **SPILL AND DISPOSAL INFORMATION**

SPILL OR LEAK, Remove all sources of ignition. Ventilate area Absorb liquid with vermiculite or dry' earth Wash with water.
WASTE DISPOSAL: Dispose of residue in compliance with Federal, State and local regulations

VII. **REACTIVITY DATA**

PRODUCT IS STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR
MATERIALS AND CONDITIONS TO AVOID: Strong oxidizers. Heat and open flames
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide

VII. **PROTECTION INFORMATION**

Respirator, protection: Ventilation should be adequate to keep exposure levels below the indicated limits. If exposure limits are exceeded, a full face NIOSH approved respirator should be used.
Ventilation: Local exhaust should be adequate to control exposure.
Eye Protection: Chemical splash goggles recommended
Protective gloves: Neoprene, Butyl or Polyvinyl gloves should be worn.

IX. **SPECIAL PRECAUTIONS**

Keep containers closed. Store in a cool well ventilated area away from open flames. Do not breath vapor Avoid prolonged or repeated contact with skin Wash thoroughly with soap and water after handling

X. This mixture contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

| | | | | |
|-----------------|------------|----------|---------------------|-------------|
| Methanol | CAS number | 67-56-1 | Reportable Quantity | 5000 pounds |
| Ethylene Glycol | CAS number | 107-21-1 | Reportable Quantity | 5000 pounds |

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