

# Environmental Coatings, Inc.

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## ECI-HDB-70 HIGH DIELECTRIC BARRIER COATING

### MATERIAL SAFETY DATA SHEET

H.M.I.S. Health: 1 Flammability: 0 Reaction: 0 Personal Protection: E

(Components may be listed more than once. Duplicate listings indicate that the component was entered into the formula more than one time. % Weight calculations of duplicate components must be added together for total % weight of the component in the product.)

Component name	CAS#	%WEIGHT	OSHA PEL	ACGIH	Other
Water	-----	11.09			
No Hazardous Ingredients					
Texanol	25265-77-4	0.22	N/A	N/A	N/A
Water		0.92			

#### **Physical & Chemical Characteristics**

Appearance and Color: colored liquid Evaporation Rate: Slower than Ether  
Boiling Range: N/A Vapor Density: Heavier than air  
Weight Per Gallon: 10.98 lbs./gal. VOC: 0.67 lbs/gal

#### **Fire & Explosion Data**

Flash Point: >200 degrees F Flammability Class: Non Combustible  
Extinguisher Media: CO2, Foam, Dry Chemical.

Special Fire Fighting Procedures: Keep containers tightly closed. Closed containers may explode when subjected to extreme heat. Fire fighters should use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: It is a water based product and as such presents no particular fire hazard. Water may be ineffective but can be used to cool closed containers to prevent pressure buildup and possible explosion when exposed to extreme heat.

#### **Physical Hazards (Reactivity Data)**

Incompatibility (materials to avoid): N/A Stability: Stable  
Hazardous Decomposition Products: N/A  
Hazardous Polymerization: Will not occur

#### **Health Hazards**

**Emergency and First Aid Procedures:** If this product comes in contact with the eyes, flush with large amounts of water for at least 5 minutes, and consult physician if irritation persists. In case of skin contact, wash with soap and large quantities of water. If there is a high amount of vapor concentration remove person to area free from vapors. If product is swallowed do not induce vomiting if victim is alert. Seek immediate medical attention.

**Primary Routes of Entry:** Inhalation and Skin

**Ingestion:** If there is liquid ingestion it may cause vomiting. Aspiration of liquid to the lungs must be avoided as it can cause chemical pneumonitis and or pulmonary edema. Seek immediate medical attention.

**Inhalation:** Excessive exposure to vapors can result in irritation to the mucous membranes and cause headaches.

**Eyes:** If this product comes in contact with the eyes, flush with large amounts of water for at least 15 minutes, and consult physician if irritation persists.

**Skin:** If this product comes into contact with the skin, wash with large quantities of soap and water. This product may cause skin irritation upon prolonged or repeated contact and can cause defatting and drying of the skin which can result in dermatitis.

**Carcinogenicity:** NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

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### **Special Precautions and Spill/Leak Procedures**

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**Precautions in Handling and Storage:** Keep from freezing to assure product stability.

**Other precautions:** Do not get in eyes. Avoid contact with skin. Do not take internally.

**Steps to be taken if Material is Released or Spilled:** Avoid all sources of ignition. Provide maximum ventilation. Contain spills immediately by wiping up with an absorbent material. Floors may be slippery; use care to avoid falling.

**Waste Disposal Methods:** Collect spilled liquid and place into containers for recovery or disposal. Add enough water to cover. Keep spills and cleaning runoffs out of municipal sewer and open bodies of water. Methods vary from state to state. For further information contact your state or local waste agency.

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### **Special Protection Information/Control Procedures**

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**Respiratory Protection:** None required if sprayed and good ventilation is maintained.

Respirators (Properly fitted NIOSH approved, or equivalent, half mask, air purifying respirator) should be used if engineering controls are not adequate and exposure limits and TLV limits are exceeded. None required if there is sufficient ventilation.

**Ventilation:** General ventilation is required during normal use to meet TLV requirements.

**Protective Gloves:** Chemical resistant nitrile, neoprene or rubber gloves should be used to prevent skin irritation.

**Eye Protection:** Use protective eye wear if material is being sprayed. A face shield or chemical goggles is recommended.

**Other protection:** Wear protective clothing, such as impermeable aprons, to prevent skin contact as needed. Eye wash station should be available.

**Work/ Hygienic Practices:** Always wash hands before eating or using the bathroom. Smoke in smoking areas only.

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