

## Section 1. Product and Company Identification

**Manufacturer:** Applied Technologies, LLC  
P O Box 18476  
Fairfield, OH 45018

**Telephone No.:** 513-939-3767

**Emergency Contact Phone No.:** Chem-Trec: 1-800-424-9300

**Date:** 07/28/2010

**Product Name:** Acricoat

**CAS Number:** Not Established

**Product Uses:** Concrete curing and sealing

**Product Identification-**1 gallon jug, 5 gallon pail, 55 gallon drums

## Section 2. Composition Information for Ingredients

Ingredient Name	CAS Number	OSHA (PEL/TWA)	ACGIH (TLV/TWA)	% Total Weight
Acrylic Polymer, Proprietary	Non-Haz	NA	NA	25-28
Diethylene Glycol Monobutyl Ether	112-34-5	NE	NE	3-4
Water	7732-18-5	NE	NE	68-71

## Section 3 Hazards Identification

**Caution:** May cause eye irritation.

**WHMIS CLASSIFICATION:** Class D, Division 2B (Toxic)

**Symbol:** Stylized T

**Potential Health hazards-Acute**

**Primary Routes of Entry:** Inhalation, skin absorption, skin contact, eye contact and ingestion.

**Eye Hazards-** Can cause eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes.

**Skin Hazards-** Prolonged or repeated exposure may cause slight irritation.

**Ingestion Hazards-** Slightly toxic. Large amounts may cause injury.

**Inhalation Hazards-** Exposure to mist may cause headache, nausea and/or other symptoms of upper respiratory tract irritation.

**Potential Health Hazards-Chronic**

None known

**Carcinogenicity:**

**NTP**  
No

**IARC Monographs**  
No

**OSHA Regulated**  
No

## **Section 4-First Aid**

**Eye-** Flush eyes gently with water for at least 15 minutes while holding eyelids apart, seek

**Skin-** Wash with soap and water.

**Ingestion-** If swallowed, give victim plenty of water. Consult physician.

**Inhalation-** Move victim to fresh air.

**SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST**

## **Section 5-Fire Fighting Measures**

**Flash Point-** >200°F

**Auto Ignition Point:** NA

**Extinguishing Media-** Media appropriate for surrounding fire.

**Hazard Combustion Products:** Thermal decomposition may yield acrylic monomers, carbon monoxide and carbon dioxide.

**Fire Fighting Instructions:** Wear positive pressure, self contained breathing apparatus.

## **Section 6. Accidental Release Measures**

**Spill:** Contain spilled materials by diking. Absorb with inert material, then place in chemical waste container for later disposal. Keep spills out of municipal sewers and open bodies of water.

## **Section 7. Handling and Storage**

**Storage Precautions:** KEEP MATERIAL FROM FREEZING. Store material in its original container and tightly closed.

**Handling:** Always use good industrial hygiene practices and safety guidelines.

## **Section 8. Exposure Controls/Personal Protection**

**Exposure Controls:** Mechanical exhaust is recommended for indoor use.

**Personal Protection:** Safety glasses and rubber gloves should be worn to minimize contact with this material. Use of a NIOSH approved vapor respirator is recommended when chance of mist exists. A source of clean water should be available in work area for flushing eyes and skin.

## **Section 9. Physical and Chemical Properties**

**Appearance-** Milky white liquid

**Odor-** Acrylic Odor

**Physical State-** Liquid

**Melting Point-** NA

**Boiling Point-** 212° F

**Vapor Density-** air=1: <1.0

**Vapor Pressure-** 17 mm/HG @ 20°C

**Evaporation Rate-** (n-butyl acetate=1) <1.0

**Solubility-** 100% in water

## **Section 10 Stability and Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** will not occur

**Incompatible Materials-** None

**Hazardous Decomposition Products-** Carbon Dioxide, Carbon Monoxide, Acrylic monomers

**Conditions to avoid-** Avoid freezing temperatures

## **Section 11 Toxicology Information**

<b>Components</b>	<b>Oral LD50 (rat)</b>	<b>Dermal LD50 (rabbit)</b>	<b>Inhalation LC50 (rat)</b>
Acrylic Polymer	>5000 mg/kg	>5000 mg/kg	>5000 mg/kg
Diethylene Glycol Monobutyl Ether	7,292 mg/kg	2,764 mg/kg	

## **Section 12. Ecological Information**

No data available

## **Section 13. Disposal Considerations**

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for disposal.

This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP)

## **Section 14. Transportation Information**

For US National Shipments:

Shipping description-Non regulated Material  
Emergency Response Guide Number- N/A  
Hazard Class- N/A

## **Section 15 Regulatory Information**

**OSHA-** This material is hazardous under the OSHA Hazard Communication Standard.

**CERCLA Reportable Quantity-** N/A

**SARA Title III**

**Section 311/312 hazard categories-** Acute health, delayed health

**Section 313 reportable ingredients-**

<b>Components</b>	<b>CAS#</b>	<b>Maximum %</b>
Ethylene Glycol Category	112-34-5	4

## **Section 16. Other Information**

None

## **Disclaimer**

The above information pertains to this product as currently formulated and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside of our control.

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