



# AT 4440 - EPOXY INSULATION COATING

NANO-CERAMIC COATING

SAFETY DATA SHEET

## 1. COMPANY AND PRODUCT INFORMATION

**Company Name:** ALPHATEK MATERIALS  
**Company Address:** 2372 Morse Ave., Ste. 167, Irvine, CA 92614  
**Tel:** 1-949-387-4271  
**Last Issue Date:** 5/27/2017

**Product Number:** AT 4440 - EPOXY INSULATION COATING

## 2. HAZARDS IDENTIFICATION

### HMIS RATINGS:

Health Hazard	1	SLIGHT
Flammability Hazard	0	LEAST
Reactivity Hazard	0	LEAST

### POTENTIAL HEALTH EFFECTS:

**Routes of Entry:** Eyes, Ingestion, Inhalation, Skin

**Irritancy:** Eyes, Respiratory, Tract, Skin

**Cancer Information:** Not Known to be Carcinogenic

**Inhalation:** Respiratory tract irritation, headaches, dizziness

**Eyes:** Severe Irritation

**Skin:** Moderate Irritation

**Ingestion:** Nausea, headaches, dizziness (contains organic solvents)

**Medical Conditions Aggravated by Exposure:** Allergies, skin disorders, respiratory tract disorders

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME
7397-62-8	Butyl Glycolate
25038-54-4	Polyamide Resin
64742-95-6	Aromatic 100

Balance of ingredients are deemed non-hazardous and are a part of this proprietary formulation.

## 4. FIRST AID MEASURES

### **Eye Contact:**

Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.

### **Skin Contact:**

Wash thoroughly with soap and water.

### **Inhalation:**

Remove to fresh air. Provide oxygen

### **Ingestion:**

Do not induce vomiting. Seek medical attention immediately.

## 5. FIRE FIGHTING MEASURES

### **Extinguishing Media:**

Carbon Dioxide, Dry Chemical Powder, or Water Spray.

### **Fire Fighting Procedures:**

Wear self-contained breathing apparatus and full protective clothing.

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**Fire and Explosion Hazard:**

None

**Sensitivity to Mechanical Impact:**

Not Applicable.

**Sensitivity to Static Charge:**

Not Applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

No Precautions.

**Environmental Precautions:**

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, and federal agencies.

**Small Spills:**

Use mop or other absorbent materials to contain spill. Gather into a waste container

**Disposal:**

Dispose of according to with local, state and federal regulations.

## 7. HANDLING AND STORAGE

**Handling:**

Avoid breathing vapors, use adequate ventilation.

Avoid eye contact.

Wear personal protective equipment as described in Section 8, Personal Protective Equipment and General Hygiene Practices.

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Wash thoroughly with soap and water after handling.

## **Storage:**

Keep container properly closed and properly labeled.

Store below 120°F/48.89°C and keep from freezing to avoid longer cure times.

Keep container upright and lids closed. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **Appropriate Hygiene Practices:**

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling and before eating, drinking, or smoking.

### **Engineering Controls:**

Adequate ventilation should be provided in confined spaces. Where ventilation is reduced, use an organic chemical cartridge respirator.

### **Respiratory:**

If spray mists are generated use NIOSH approved breathing or particle respirators.

### **Eyes/Face:**

Wear safety glasses to protect against splashing of concentrate, when appropriate.

### **Skin:**

Wear plastic or rubber apron for splash protection. Wear chemical resistant gloves.

### **Other:**

Emergency shower and eyewash facility should be in close proximity.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and Odor:</b>	White Liquid. Uncured – Resin Smell, Cured – Little to No Smell.
<b>VOC (Uncured):</b>	25%
<b>VOC (Cured):</b>	0
<b>Flash Point:</b>	Not Applicable
<b>Boiling Point:</b>	300°F / 148.89°C
<b>Specific Gravity:</b>	1.25
<b>Water Solubility:</b>	Completely Soluble

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Incompatibility With:</b>	Very Strong Acids, Alkalis or Oxidizing Agents
<b>Hazardous Polymerization:</b>	Not Applicable
<b>Hazardous Decomposition Products:</b>	Not Applicable

## 11. TOXOLOGICAL INFORMATION

### **Carcinogenicity Information:**

Not listed as carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupational Safety and Health Administration); not evaluated by IARC (International Agency for Research on Cancer)

### **Reported Human Effects:**

No human studies have been conducted with this material. The use of this material when used as directed should not have any adverse effects.

## 12. ECOLOGICAL INFORMATION

This product has been determined safe to aquatic organisms when used as directed. Avoid large releases into waterways.



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## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with the local, state, and federal regulations.

## 14. TRANSPORTATION INFORMATION

### **US DOT:**

Proper Shipping Name: Natural Polymers Emulsions

Not Regulated

### **IATA:**

Proper Shipping Name: Natural Polymers Emulsions

Not Regulated

## 15. REGULATORY INFORMATION

### **U.S. Federal Regulations:**

OSHA Standard 20 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling material safety data sheets, training and access to written records. We request, as it is your legal duty to, make all information in this safety data sheet available to all your employees.



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## 16. OTHER INFORMATION

**Prepared By:** AlphaTek Materials, LLC.

**Disclaimer:**

**All statements and information in this safety data sheet (SDS) is believed to be accurate as of the date issued and represents the best information currently available to AlphaTek Materials, LLC. No warranties, expressed or implied, including, but not limited to the warranty of merchantability, fitness for a particular purpose or of any other nature are made herein as to the information provided or the product to which the information refers. Users should make their own investigations to determine the suitability of the information provided.**