

Elementis Specialties, Inc.  
P.O. Box 700  
Hightstown, NJ 08520  
Customer Service: (800) 866-6800

Emergency Telephone No.  
**CHEMTREC: (800) 424-9300**  
**ELEMENTIS: (609) 443-2000**

**BENTONE® MA**

Approval Date: March 6, 2001  
Supercedes: March 15, 1999

## 2. PRODUCT COMPOSITION

Product Classification: Rheological Additive

**HAZARDOUS SUBSTANCES****C.A.S. No.****Percent**

None as defined by 1910.1200.

## 3. HAZARD IDENTIFICATION

**Warning:**

" May cause slight eye irritation.  
" Long term exposure to airborne dust concentrations above the recommended exposure guidelines may cause lung damage.

**Protective Measures:**

" Avoid contact with the eyes.  
" Use in well ventilated areas.  
" Do not breathe dust.

## 4. FIRST AID MEASURES

**Eye Contact:** Rinse immediately with water for at least 15 minutes.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Provide symptomatic treatment and seek medical attention.

**Inhalation:** Remove person to fresh air. If breathing is difficult, provide oxygen and seek medical attention.

**Other:** None known.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** N.A.

**Method:** N.A.

**LEL:** N.A.

**UEL:** N.A.

**EXTINGUISHING MEDIA/FIRE FIGHTING PROCEDURES**

Will not burn.

**UNUSUAL HAZARDS**

None

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## 6. ACCIDENTAL RELEASE MEASURES

### RELEASE RESPONSE

Minimize dusting. Caution: May cause a slippery condition when wet.  
Sweep/shovel up and transfer into a drum for re-use or disposal.

### PERSONAL PROTECTIVE EQUIPMENT

Wear an air-purifying dust respirator and chemical resistant gloves.  
Wear eye protection to prevent dust from entering the eyes.

## 7. HANDLING AND STORAGE

### HANDLING

Avoid high dust concentrations while handling through the use of ventilation or other suitable controls.

### STORAGE

No special conditions.

## 8. EXPOSURE CONTROL INFORMATION

### OCCUPATIONAL EXPOSURE LIMITS

	ACGIH - TLV	OSHA - PEL
Dust, not otherwise classified:	8 hr. TWA - 10 mg/m <sup>3</sup> , total	8 hr. TWA - 10 mg/m <sup>3</sup> , total 8 hr. TWA - 5 mg/m <sup>3</sup> , respirable

### ENGINEERING CONTROL MEASURES

Use local exhaust ventilation if airborne concentrations are above recommended exposure limits.

### PERSONAL PROTECTION EQUIPMENT

Respiratory:	Use an air-purifying dust respirator if airborne concentration levels are above exposure limits.
Hand:	Use chemical resistant gloves.
Eye:	Use safety glasses/goggles.
Other:	None.

### OTHER CONTROL MEASURES

Use good hygiene practices. Wash hands and face before eating or drinking.

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## 9. PROPERTIES

<b>Appearance:</b> Off-White Powder	<b>Odor:</b> None.	<b>pH:</b> N.A.
<b>Boiling Range:</b> N.A.	<b>Melting Range:</b> N.A.	<b>Specific Gravity:</b> 2.7
<b>Solubility:</b> Insoluble in water.	<b>Vapor Density:</b> N.A.	<b>Vapor Pressure:</b> N.A.
<b>% Volatile:</b> N.A.	<b>Freezing Point:</b> Not determined.	<b>Density at 20E C:</b> Not measured.

## 10. REACTIVITY INFORMATION

<b>Conditions to Avoid:</b>	None known.
<b>Materials to Avoid:</b>	None known.
<b>Hazardous Decomposition:</b>	None
<b>Stability:</b>	Stable.

## 11. HEALTH/TOXICITY INFORMATION

### HEALTH HAZARDS

#### Effects of Acute Exposure

Inhalation: May cause slight irritation.  
 Skin Contact: Not expected to cause irritation.  
 Skin Absorption: Can not be absorbed through the skin.  
 Eye Contact: May produce mechanical irritation.  
 Ingestion: Not expected to produce adverse effects.

#### Effects of Chronic Over Exposure

As with any dust, long term exposure to concentrations above recommended exposure guidelines may overload the lung clearance mechanism and cause adverse lung effects and shortness of breath.

Listed as a suspected carcinogen on: IARC: No NTP: No OSHA: No

Medical Conditions Aggravated: Respiratory disorders.

### TOXICITY INFORMATION

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## 11. HEALTH/TOXICITY INFORMATION

Based on this or a similar product: Oral LD<sub>50</sub> (rat): > 5 g/kg;  
 Primary Skin Irritation (Rabbit): Non-Irritating (Draize - 0.0);  
 Primary Eye Irritation: Moderately irritating without washout.

## ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

### 12. ENVIRONMENTAL HAZARDS

None known.

### 13. DISPOSAL CONSIDERATIONS

Unadulterated material is not a hazardous waste. Dispose of in accordance with local and federal regulations. Use a licensed waste handler.

## 14. TRANSPORTATION

**Shipping Name:** Not regulated.

**Label:** N.A.

**Hazard Class:** N.A.

**Packing Group:** N.A.

**UN#:** N.A.

## 15. REGULATORY INFORMATION

**CHEMICAL INVENTORIES** In compliance denotes that all components are on the inventory or exempt.

U.S. TSCA Inventory:	In Compliance	Japanese Inventory:	In Compliance
European Inventory:	On the EINECS (235-340-0)	Australian Inventory:	In Compliance
Canadian DSL:	In Compliance	Philippine Inventory:	In Compliance
Japanese Inventory:	In Compliance	Korean Inventory:	On the Inventory (KE-18198)

### SARA 313 Information

Not regulated under SARA Section 313.

### OTHER REGULATORY INFORMATION

No additional information.

## 16. OTHER INFORMATION

### H.M.I.S. CODES

Health: 1

Flammability: 0

Reactivity: 0