

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**

<b>1. PRODUCT NAME: BENTONE® EW Rheological Additive</b>	Revision date: August 21, 2000
<b>PRODUCT CODE:</b> 8104	Supersedes date: July 31, 1997

## 2. PRODUCT COMPOSITION

Product Classification: Rheological Additive			
COMPONENT(s)	Hazardous	C.A.S. No.	Percent
Hectorite clay	No	12173-47-6	> 99

## 3. HAZARD IDENTIFICATION

<p><b>Warning:</b></p> <ul style="list-style-type: none"> <li>" May cause slight eye irritation.</li> <li>" Nuisance Dust: Long term exposure to airborne concentrations above the recommended exposure guidelines may cause lung damage.</li> </ul>	<p><b>Protective Measures:</b></p> <ul style="list-style-type: none"> <li>" Avoid contact with the eyes.</li> <li>" Use in well ventilated areas.</li> </ul>
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## 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove person to fresh air. If breathing is difficult, provide oxygen and seek medical attention.
<b>Eye Contact:</b>	Rinse eyes immediately with water for at least 15 minutes. See a physician.
<b>Skin Contact:</b>	Wash skin thoroughly with soap and water. See a physician.
<b>Ingestion:</b>	Provide symptomatic treatment and seek medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Flash Point :</b> N.A.	<b>Method:</b> N.A.	<b>LEL:</b> N.A.	<b>UEL:</b> N.A.
<b>EXTINGUISHING MEDIA/FIRE FIGHTING PROCEDURES</b>			
Use extinguishing media appropriate for surrounding fire.			
<b>UNUSUAL HAZARDS</b>			
Avoid high dust concentrations and ensure all equipment is properly grounded to prevent static discharges.			

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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 suitable container for re-use or disposal.

### PERSONAL PROTECTIVE EQUIPMENT

Wear air-purifying respirator equipped with filters for protection against dusts and mists.  
 Wear cotton or canvas 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.  
 Ensure all equipment is grounded to prevent static discharge.

### STORAGE

Keep container closed when not in use.

## 8. EXPOSURE CONTROL INFORMATION

### OCCUPATIONAL EXPOSURE LIMITS

	<u>ACGIH - TLV</u>	<u>OSHA - PEL</u>
Nuisance Dust:	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	8 hr. TWA - 5 mg/m <sup>3</sup> , respirable

### ENGINEERING CONTROL MEASURES

Use local exhaust ventilation to keep airborne levels below exposure limits.

### PERSONAL PROTECTION EQUIPMENT

Respiratory:	Use an air-purifying respirator equipped with and filters for protection against dusts and mists.
Hand:	Use cotton or canvas gloves.
Eye:	Eye protection worn must be compatible with respiratory protection system employed.

### OTHER CONTROL MEASURES

Use good industrial 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> 2% Water Dispersion 8.8 - 10.2
<b>Boiling Range:</b> N.A.	<b>Melting Range:</b> N.A.	<b>Specific Gravity:</b> 2.5
<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> N.A.	<b>Density at 25° C:</b> 20.9 lbs/gal.

## 10. REACTIVITY INFORMATION

<b>Conditions to Avoid:</b>	There are no known conditions or materials to avoid.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition:</b>	Hazardous decomposition will not occur.
<b>Stability:</b>	This material is stable under normal operating conditions.

## 11. HEALTH/TOXICITY INFORMATION

<b>HEALTH HAZARDS</b>	
<u>Effects of Acute Exposure</u>	
Inhalation:	This material may cause irritation and shortness of breath.
Eye Contact:	This material may cause mechanical irritation.
Skin:	This material is not expected to cause irritation.
Skin Absorption:	This material can not be absorbed through intact skin.
Ingestion:	This material is not expected to produce adverse affects.
<u>Effects of Chronic Over Exposure</u>	
As with any nuisance dust, long term exposure to levels above the exposure limits may overload the lung clearance mechanism and produce lung damage.	
Listed as a suspected carcinogen on: IARC: No NTP: No OSHA: No	
Medical Conditions Aggravated: Respiratory disorders.	
<b>TOXICITY INFORMATION</b>	
Not defined for this product.	

## ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

<b>12. ENVIRONMENTAL HAZARDS</b>
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## ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

None known.

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Use a licensed waste handler.

## 14. TRANSPORTATION

<b>Shipping Name:</b> Not regulated.		<b>Label:</b> N.A.
<b>Hazard Class:</b> N.A.	<b>Packing Group:</b> N.A.	<b>UN#:</b> 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:	In Compliance	Australian Inventory:	In Compliance
Canadian DSL:	In Compliance	Koran Inventory:	In Compliance
Philippine Inventory:	In Compliance	Chinese Inventory:	In Compliance

### SARA 313 Information

Not regulated.

### OTHER REGULATORY INFORMATION

No additional information.

## 16. OTHER INFORMATION

<b>H.M.I.S. CODES</b>	Health: 0	Flammability: 0	Reactivity: 0
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