

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® EW Rheological Additive	Revision date: August 21, 2000
PRODUCT CODE: 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>Warning:</p> <ul style="list-style-type: none"> " May cause slight eye irritation. " Nuisance Dust: Long term exposure to airborne concentrations above the recommended exposure guidelines may cause lung damage. 	<p>Protective Measures:</p> <ul style="list-style-type: none"> " Avoid contact with the eyes. " Use in well ventilated areas.
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4. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES

Flash Point : N.A.	Method: N.A.	LEL: N.A.	UEL: N.A.
EXTINGUISHING MEDIA/FIRE FIGHTING PROCEDURES			
Use extinguishing media appropriate for surrounding fire.			
UNUSUAL HAZARDS			
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. <u>Caution:</u> 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 ³ , total 8 hr. TWA - 5 mg/m ³ , respirable	8 hr. TWA - 10 mg/m ³ , total 8 hr. TWA - 5 mg/m ³ , 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

Appearance: Off-white powder	Odor: None	pH: 2% Water Dispersion 8.8 - 10.2
Boiling Range: N.A.	Melting Range: N.A.	Specific Gravity: 2.5
Solubility: Insoluble in water	Vapor Density: N.A.	Vapor Pressure: N.A.
% Volatile: N.A.	Freezing Point: N.A.	Density at 25E C: 20.9 lbs/gal.

10. REACTIVITY INFORMATION

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

11. HEALTH/TOXICITY INFORMATION

HEALTH HAZARDS

Effects of Acute Exposure

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.

Effects of Chronic Over Exposure

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.

TOXICITY INFORMATION

Not defined for this product.

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ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

12. ENVIRONMENTAL HAZARDS

None known.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state 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:	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

H.M.I.S. CODES	Health: 1	Flammability: 0	Reactivity: 0
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