



# SAFETY DATA SHEET

Zhejiang Fenghong New Material Co.,Ltd.  
Tangpu Developing Zone, Anji County,  
Zhejiang Province, China. P.C.313300. Http://www.zjfenghong.com  
TEL: 86-571-63806068 63711876 Fax: +86-571-63751569

Emergency Telephone No.  
+86-571-63665132,63806098  
Email: Bentonite@zjfenghong.com

<b>PRODUCT NAME:</b> Rheological Additive(SM&FH Series)	<b>Issue Date:</b> Jun. 6th, 2022
<b>Product Use Description:</b> Rheological Additive	<b>Supersedes Date:</b>

## 2. PRODUCT COMPOSITION

Product Classification:		
Substance name	C.A.S. No.	Percent
Montmorillonite	1318-93-0	65-98%

## 3. HAZARD IDENTIFICATION

<b>Warning:</b> Long term exposure to airborne dust concentrations above the recommended exposure guide lines may cause lung damage.	<b>Protective Measures:</b> Avoid breathing dust. Use in well ventilated areas.
---	---

## 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Rinse immediately with water for at least 15 minutes.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Ingestion:</b>	Provide symptomatic treatment and seek medical attention.
<b>Inhalation:</b>	Remove person to fresh air. If breathing is difficult, provide oxygen and seek medical attention.
<b>Other:</b>	None known.

## 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.
--------------------------	---------------------	------------------	------------------

### EXTINGUISHING MEDIA/FIRE FIGHTING PROCEDURES

Water fog, foam, dry chemical, or carbon dioxide.

### UNUSUAL HAZARDS

Precautions for flammable organic dusts should be provided. Avoid high dust concentrations. Assure all equipment is properly grounded to prevent static discharges, and vented to provide for potential energy release.



# SAFETY DATA SHEET

Zhejiang Fenghong New Material Co.,Ltd.  
 Tangpu Developing Zone, Anji County,  
 Zhejiang Province, China. P.C.313300. Http://www.zjfenghong.com  
 TEL: 86-571-63806068 63711876 Fax: +86-571-63751569

Emergency Telephone No.  
 +86-571-63665132,63806098  
 Email: Bentonite@zjfenghong.com

<b>PRODUCT NAME:</b> Rheological Additive(SM&FH Series)	<b>Issue Date:</b> Jun. 6th, 2022
<b>Product Use Description:</b> Rheological Additive	<b>Supersedes Date:</b>

## 6. ACCIDENTAL RELEASE MEASURES

### RELEASE RESPONSE

Caution: May cause a slippery condition when wet. Sweep/shovel material 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

Precautions for flammable organic dusts should be provided. Avoid high dust concentrations. Assure all equipment is properly grounded to prevent static discharges, and vented to provide for potential energy release. Control high dust concentrations while handling through the use of ventilation or other suitable controls.

### STORAGE

No special conditions required.

## 8. EXPOSURE CONTROL INFORMATION

### OCCUPATIONAL EXPOSURE LIMITS

	ACGIH - TLV 8 hr. TWA	OSHA - PEL 8 hr. TWA
Dusts, not otherwise classified	10 mg/m <sup>3</sup> , Inhalable fraction 3.0 mg /m <sup>3</sup> , respirable dust fraction.	10 mg/m <sup>3</sup> , total 5.0 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.



# SAFETY DATA SHEET

Zhejiang Fenghong New Material Co.,Ltd.  
 Tangpu Developing Zone, Anji County,  
 Zhejiang Province, China. P.C.313300. Http://www.zjfenghong.com  
 TEL: 86-571-63806068 63711876 Fax: +86-571-63751569

Emergency Telephone No.  
 +86-571-63665132,63806098  
 Email: Bentonite@zjfenghong.com

<b>PRODUCT NAME: Rheological Additive(SM&amp;FH Series)</b>	<b>Issue Date: Jun. 6th, 2022</b>
<b>Product Use Description: Rheological Additive</b>	<b>Supersedes Date:</b>

## 9. PROPERTIES

<b>Appearance:</b> Off white/Light cream/Pale yellow fine power	<b>Odor:</b> None	<b>pH:</b> 6-11
<b>Boiling Range:</b> N.A.	<b>Melting Range:</b> N.A.	<b>Specific Gravity:</b> 0.15-0.50
<b>Solubility:</b> Insoluble	<b>Vapor Density:</b> N.A.	<b>Vapor Pressure:</b> N.A.
<b>%Volatile(105):</b> 6-15.	<b>Freezing Point:</b> N.A.	<b>Density at 20°C:</b> No data

## 10. REACTIVITY INFORMATION

<b>Conditions to Avoid:</b>	None known.
<b>Materials to Avoid:</b>	None known.
<b>Hazardous Decomposition:</b>	In case of fire, possible emission of carbon monoxide, carbon dioxide, organic chlorides and ammonia.
<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 slight (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

Based on a similar, non-cosmetic grade product:

Oral LD<sub>50</sub> (Rat): 20,000 mg/kg;  
 Repeated Insult Patch Test (Humans):  
 Not a primary irritant, fatiguing agent or sensitizer;  
 Human Eye Test: Mild Mechanical Irritation;  
 Primary Skin Irritation (Rabbit): Non-Irritating;  
 Primary Eye Irritation (Rabbit): Non-Irritating;  
 Acute Inhalation Toxicity: No Toxic Manifestations;  
 Ames Test: Not Mutagenic



# SAFETY DATA SHEET

Zhejiang Fenghong New Material Co.,Ltd.  
 Tangpu Developing Zone, Anji County,  
 Zhejiang Province, China. P.C.313300. Http://www.zjfenghong.com  
 TEL: 86-571-63806068 63711876 Fax: +86-571-63751569

Emergency Telephone No.  
 +86-571-63665132,63806098  
 Email: Bentonite@zjfenghong.com

<b>PRODUCT NAME: Rheological Additive(SM&amp;FH Series)</b>	<b>Issue Date: Jun. 6th, 2022</b>
<b>Product Use Description: Rheological Additive</b>	<b>Supersedes Date:</b>

## ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

### 12. ENVIRONMENTAL HAZARDS

Based on a similar, non-cosmetic grade product:  
 Acute LC<sub>50</sub> (Corophium Volutator): No Acute Effect; EC<sub>50</sub> (Skeletonema Costatum): >10,000  
 LC<sub>50</sub> (Acartia Tonsa): >30,000 Biodegradability: Insignificant Degradability

### 13. DISPOSAL CONSIDERATIONS

Dispose of in a manner in accordance with local 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	Canadian DSL:	In Compliance
European Inventory:	On EINECS	Japanese Inventory:	On ENCS
Australia:	In Compliance	China:	On IECSC

### SARA 313 Information

None known.

### OTHER REGULATORY INFORMATION

Japanese Cosmetic Inventory: In Compliance

## 16. OTHER INFORMATION

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