

## Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name(s):** Mica 20

**Manufacturer:** Fibertec Inc.  
35 Scotland Boulevard  
Bridgewater, MA 02324 U.S.A.

**Product Use:** Filler for the plastics industry

**Health and Technical Contacts:**

Health Issues Information (8am-4pm ET): 508-697-5100  
Technical Product Information (8am-4pm ET): 508-697-5100

**Emergency Contacts:**

(8am-4pm ET): 508-697-5100  
Emergencies ONLY (after 4pm ET and weekends)  
CHEMTREC (24 hours every day): 1-800-424-9300

### Section 2 – Hazards Identification

**GHS Classification:** This material is considered hazardous by the OSHA Hazard Communication Standard (29CFR1910.1200)

Skin Irritation (Category 2)

Eye Irritation (Category 2B)

Carcinogenicity (inhalation) Category 1A

SPECIFIC Target Organ Toxicity – (Repeated Exposure) (respiratory tract) (inhalation) (Category 1)

**GHS Label Elements:**

**Pictogram:**



**Signal Word:**  
Danger

## Section 2 – Hazards Identification (continued)

**Hazard Statements:**

H350i May cause cancer by inhalation  
 H350 Causes damaged to organs through prolonged or repeated exposure if inhaled  
 (respiratory tract)  
 H315 Causes skin irritation  
 Causes eye irritation  
 H335 May cause respiratory irritation

**Precautionary Statements:**

P101+102+103 Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.  
 P260 Do not breathe dust  
 P264 Wash hands thoroughly after handling  
 P271 Use only outdoors or in a well ventilated area.  
 P281 Use personal protective equipment as required  
 P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call POISON CENTER or physician if you feel unwell.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+P337+P313 If skin or eye irritation occurs get medical attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P403+P233 Store in well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents in accordance with applicable regulations.

## Section 3 – Composition / Information on Ingredients

CAS #	Component	Weight %
12001-26-2	Potassium Aluminum Silicate	>99.7 %
None Assigned	Organic Sizing (“U” designation – NA)	=/ $\leq$ 0.3 %

**Component Information/Information on Non-Hazardous Components**

No additional information available.

## **Section 4 – First Aid Measures**

**Inhalation:** If inhaled, move the affected person to fresh air. Get medical attention.

**Skin Contact:** Cleanse with soap and warm water. Get medical attention if irritation persists.

**Eye Contact:** Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**Ingestion:** Wash out mouth with water. Remove to fresh air. If material is swallowed and the victim is conscious, give small amounts of water. Do not induce vomiting unless directed to by medical personnel. Get medical attention.

## **Section 5 – Fire Fighting Measures**

**Flash Point:** None  
**Upper Flammability Limit:** None  
**Flammability Classification:** Non-flammable

**Flash Point Method:** Not determined  
**Lower Flammability Limit:** None

**Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unusual Fire & Explosion Hazards:** None known.

**Fire-Fighting Instructions:** Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.

**Hazardous Combustion Products:** Combustion products may include metal oxide(s).

## **Section 6 – Accidental Release Measures**

**Containment Procedures:** This material can be collected for disposal as non-hazardous waste. Dispose of in accordance with local, state and federal regulations.

**Clean-Up Procedures:** Collect by vacuum or wet methods to prevent dust generation

**Response Procedures:** Isolate area. Keep unnecessary personnel away.

**Special Procedures:** None.

## Section 7 – Handling and Storage

**Handling Procedures:** Keep product in its packaging, as long as practicable to minimize potential dust generation. Keep work areas clean. Avoid unnecessary handling of scrap materials. Wear PPE as described in Section 8.

**Storage Procedures:** No special procedures.

## Section 8 – Exposure Controls / Personal Protection

### **Exposure Guidelines:**

**A: General Product Information** Follow all applicable exposure limits.

### **B: Exposure Limits**

**Mica 20 wet ground muscovite mica (CAS # 12001-26-2)**

**OSHA PEL (8 Hr TWA)** for crystalline silica (as respirable quartz) is  $\{(10 \text{ mg/m}^3)/\% \text{SiO}_2+2\}$

### **ENGINEERING CONTROLS**

**Ventilation:** There is a possibility of high particulate exposure levels when working with this product. At a minimum, local exhaust and/or general dilution ventilation should be provided as necessary to maintain exposures below regulatory and recommended limits. Dust collection systems must be used in transferring operations, cutting or machining or other dust generating processes because of anticipated dust levels. Vacuum or wet-cleanup methods should be used.

### **PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** A properly fitted NIOSH approved N 95 series disposable dust respirator such as the 3M model 8210 (model 8271 in high humidity environments) or equivalent must be worn when using this material. Because of the possibility of high particulate levels occurring with this product, it may be necessary to use a half face respirator with P100 or HEPA filters during operations such as maintenance, clean up, or transferring. This decision should be made on a case-by-case basis depending on total exposures. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

**Skin Protection:** Normal work clothing (long sleeved shirts and long pants) is recommended. Skin irritation is known to occur chiefly at the pressure points such as around the neck, wrists, waist and between the fingers.

Where direct contact or handling causes airborne product, the use of gloves and coveralls is recommended.

**Eyes/Face Protective Equipment:** Wear safety glasses, goggles or face shield.

## Section 9 – Physical & Chemical Properties

<b>Appearance:</b>	Colorless to red or brown powder	<b>Odor</b>	None
<b>Physical State:</b>	Solid	<b>Ph</b>	Not Applicable
<b>Vapor pressure (mm)hg@20c:</b>	Not Applicable	<b>Vapor Density Air = 1</b>	Not Applicable
<b>Boiling point:</b>	Not Applicable	<b>Solubility</b>	Insoluble
<b>Specific Gravity H2O = 1:</b>	2.7 – 2.8	<b>Freezing Point</b>	Not Applicable
<b>Evaporation Rate (n-Butyl Acetate = 1):</b>	Not Applicable	<b>Melting point</b>	Decomposition @ 1300 C

**Physical Properties: Additional Information** No additional information available.

## Section 10 – Chemical Stability & Reactivity Information

<b>Stability:</b>	This is a stable material.
<b>Conditions to Avoid:</b>	None known.
<b>Incompatible Materials:</b>	None known.
<b>Hazardous Decomposition Products:</b>	None under normal condition.
<b>Hazardous Polymerization:</b>	Will not occur

## Section 11 – Toxicological Information

**Routes of Entry:** Inhalation, Ingestion

**Toxicity to Animals:** LD50: Not Available, LC50 Not Available

**Chronic Effects on Humans:** Long term exposure above the PEL without respiratory protection may lead to chronic cough, indigestion or respiratory dysfunction.

**Other Toxic Effects on Humans:** Hazardous in case of ingestion or inhalation above the PEL without respiratory protection.

## **Section 12 – Ecological Information**

No data available for this product. This product is not anticipated to harm animals, plants or fish.

## **Section 13 – Disposal Considerations**

### **EPA Waste Number & Descriptions:**

#### **A: General Product Information**

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

#### **B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

#### **Disposal Instructions:**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## **Section 14 – Transportation Information**

### **US DOT Information**

**Shipping Name:** Not regulated for transport.

**Hazard Class:** None

**UN/NA #:** None

**Packing Group:** None

**Required Label(s):** None

### **TDG Information**

**Shipping Name:** Not regulated for transport.

**Hazard Class:** None

**UN/NA #:** None

**Packing Group:** None

**Required Label(s):** None

**Additional Info:** None

### **Additional Transportation Regulations:**

No additional information available.

## Section 15 – Regulatory Information

### A: General Product Information

No additional information available.

### B: Component Analysis

No additional information available.

The following is provided to aid in the preparation of SARA 311 and 312 reports.

**SARA 311/312**  
**Acute Health Hazard:** Yes  
**Chronic Health Hazard:** Yes  
**Fire Hazard:** No  
**Sudden Release of Pressure Hazard:** No  
**Reactive Hazard:** No

### C: Clean Air Act

The following components appear on the Clean Air Act-1990 Hazardous Air Pollutants List:

**None**

### State Regulations:

#### A: General Product Information

No additional information available

#### B: Component Analysis – State

The following components appear on one or more of the following state hazardous substances lists:

Potassium Aluminum Silicate	CAS # 12001-26-2	CA	FL	MA	MN	NJ	PA
		No	No	No	No	No	No

### Other Regulations:

#### A: General Product Information

No additional information available.

#### B: Component Analysis – Inventory

Component	CAS #	TSCA	DSL	New Zealand	Aus	Miti Japan	EINECS
Potassium Aluminum Silicate	12001-26-2	Yes	Yes	Yes	Yes	No	Yes

#### C: Component Analysis – WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

**None**

**WHMIS Status:** Not controlled **WHMIS**

**Classification:** None

## **Section 16 – Other Information**

Reasonable care has been taken in the preparation of this information, the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. Final determination of the suitability of the material for the use contemplated is the sole responsibility of the user. No warranty is expressed or implied, and the manufacturer's sole responsibility shall be to replace such quantity of the material proven to be defective.

### **Revision Summary:**

This is a revised SDS, which replaces Mica 20 dated 10/10/12 with updated GHS format. Read this information carefully.

Rev 1	15 February, 2008	Original
Rev 2	10 October 2012	Revised and updated format
Rev 3	4 April 2015	Revised and updated format
Rev 3	11 April 2018	Reviewed



