

Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name(s): Wollastonite

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 breath 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 %
13983-17-0	Calcium Metasilicate	<99.0%
14808-60-7	Crystalline Quartz (SiO ²)	0.7% – 1.2%
None Assigned	Organic Sizing (“U” designation – NA)	< 0.3 %

Component Information/Information on Non-Hazardous Components

No additional information available.

Section 7 – Handling and Storage

Handling Procedures:

Assure proper respiratory protection if dust potential exceeds PEL/TLV. Wear PPE as described in Section 8.

Storage Procedures:

Store in dry area. Always segregate materials by major hazard class

Special Sensitivity or Incompatibility:

Avoid contact with strong acids.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls:

Maintain sufficient mechanical or natural ventilation to assure dust concentrations remain below PEL-TWA. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

Respiratory Protection:

A properly fitted NIOSH approved N 95 series disposable dust respirator 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. 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. Use gloves. Skin irritation is known to occur chiefly at the pressure points such as around the neck, wrists, waist and between the fingers. Wear tight fitting goggles and gloves when dusty conditions exist

Eyes/Face Protective Equipment:

Wear safety glasses, goggles or face shield to avoid eye irritation.

Section 9 – Physical & Chemical Properties

Appearance:	White acicular, free flowing non metallic mineral powder	Odor	None
Physical State:	Solid	Ph	Not Applicable
Vapor pressure:	Not Applicable	Vapor Density:	Not Applicable
Boiling point:	Not Applicable	Solubility	Insoluble
Specific Gravity H2O = 1:	2.9 g/cc	Freezing Point	Not Applicable
Evaporation Rate:	Not Applicable	Melting point	Not Applicable

Physical Properties: Additional Information No additional information available.

Section 10 – Chemical Stability & Reactivity Information

Stability:	Product is stable under normal conditions
Conditions to Avoid:	None known.
Incompatible Materials:	None in designed use.
Hazardous Decomposition Products:	No hazardous products of decomposition
Hazardous Polymerization:	Cannot occur

Section 11 – Toxicological Information

LD 50: N/Av

LC 50: N/Av

Toxicological Hazards:

Some medical studies of wollastonite mine and mill workers suggest that long term cumulative exposures to wollastonite dust may cause decreased pulmonary function or mild industrial bronchitis, particularly in workers who smoke.

The International Agency for Research on Cancer has classified wollastonite as, Group 3: Unclassifiable as to carcinogenicity to humans.

The German MAK Commission evaluation states: In all probability, wollastonite fibers do not have any carcinogenic affects.

Teratogenicity, Mutagenicity, other Reproductive Effects: None known

Section 12 – Ecological Information

Ecological Hazards:

Wollastonite is a naturally occurring mineral. Unless contaminated in service, this product is neutral to the environment.

Section 13 – Disposal Considerations

Waste Disposal Method:

May be disposed in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.

Section 14 – Transportation Information

US DOT Information

Shipping Name: Not regulated

Hazard Class: None

UN/NA #: None

Packing Group: None

Required Label(s): None

TDG Information

Shipping Name: Not regulated as dangerous goods according to Canadian TDGA

Hazard Class: None

UN/NA #: None

Packing Group: None

Required Label(s): None

Additional Info.: None

International Dangerous Goods Information:

IMO: Not regulated as dangerous goods according to IMDG Code

ICAO: Not regulated as dangerous goods according to IACO Technical Instructions.

Section 15 – Regulatory Information

TSCA Listed

Federal and State Regulations California prop. 65: This product contains the following ingredients for which the state of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: SILICA, CRYSTALLINE-QUARTZ
Pennsylvania RTK: SILICA, CRYSTALLINE-QUARTZ: (generic environmental hazard)
Florida: SILICA, CRYSTALLINE-QUARTZ
Minnesota: SILICA, CRYSTALLINE-QUARTZ
Massachusetts RTK: SILICA, CRYSTALLINE-QUARTZ
New Jersey: SILICA, CRYSTALLINE-QUARTZ
TSCA 8(B) inventory: SILICA, CRYSTALLINE-QUARTZ
SARA 302/304/311/312 hazardous chemicals: SILICA, CRYSTALLINE-QUARTZ
SARA 311/312 MSDS distribution – chemical inventory – hazard identification SILICA, CRYSTALLINE-QUARTZ: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard

OSHA: Hazardous by definition of Hazardous Communication Standard (29 CFR 1910.1200).

Canadian DSL Listed

WHMIS (Canada) Class D-2A: Material causing other toxic effects (VERY TOXIC)

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 Wollastonite dated 10/10/12 with updated GHS format. Read this information carefully.

Rev 1	15 February, 2008	Original
Rev 2	16 April, 2009	Revised and updated format
Rev 3	10 October 2012	Revised and updated format
Rev 4	4 April 2015	Revised and updated format