



SAFE USE INSTRUCTION SHEET

Creation Date 22-Jan-2016

Revision Date 05-Dec-2019

Version 5

0. General Information

This Safe Use Instruction Sheet is the document provided by Owens Corning to communicate recommended safe handling and use instructions for manufactured articles not regulated by OSHA Hazard Communication Standard, 29 CFR 1910.1200

1. IDENTIFICATION

Product Name	Mineral Wool Loose Fiber Products
Synonyms	Thermafiber® FRF 114 & FRF 514, Thermafiber® FRF™ Products, Thermafiber® Industrial Bulk Wool, Thermafiber® Cryogenic Wool, High-Performance Milled Fiber, Filler/Reinforcement Fiber, Granulated Wool, INSUL-FILL
Product code	OCMW00001
Recommended Use	Specialty & Mechanical Insulation
Manufacturer Address	Owens Corning Mineral Wool, LLC One Owens Corning Parkway Toledo, Ohio 43659
Company Phone Number	1-800-GET-PINK or 1-800-438-7465
24 Hour Emergency Phone Number	Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393
Emergency Telephone	1-419-248-5330 (after 5 pm ET and weekends)
E-mail address	safetydatasheet@owenscorning.com
Company Website	http://www.thermafiber.com/

2. HAZARDS IDENTIFICATION

Regulatory Status	This product is considered an article. 29 CFR 1910.1200(c) definition of an article is as follows: "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees
Other Information	May cause temporary skin and mucous membranes itching due to the mechanical abrasion effect of fibers

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health

4. FIRST AID MEASURES

Description of First Aid Measures

Eye contact	• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes • DO NOT rub or scratch eyes • If eye irritation persists: Get medical advice/attention
Skin contact	• Wash off immediately with soap and plenty of cold water • DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of fibers and dust • Use a wash cloth to help remove fibers and dust • DO NOT rub or scratch affected area • If fibers are seen penetrating from the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin • If skin irritation persists, call a physician • Never use compressed air to remove fibers from skin
Inhalation	• Remove to fresh air • If symptoms persist, call a physician
Ingestion	• Accidental ingestion of this product is unlikely • Rinse mouth with water and drink water to remove fibers from the throat • If this does occur watch person for several days to make sure intestinal blockage does not occur • If symptoms persist, call a physician

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Protective equipment and precautions for firefighters	• As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	• Avoid contact with eyes and skin
Methods for cleaning up	• Use personal protective equipment as required • Avoid creating dust • Clean contaminated surface thoroughly • Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry • Take up mechanically, placing in appropriate containers for disposal

7. HANDLING AND STORAGE

Precautions for safe handling	• Prevent and/or minimize dust formation • Do not breathe dust • Wear appropriate personal protective equipment in case of direct contact with the product
Storage Conditions	• Keep product in packaging until use to minimize potential dust generation • Product should be kept dry and undercover
Incompatible materials	• None known based on information supplied

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Mineral Wool 65997-17-3	TWA: 1 fiber/cm ³ respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m ³ inhalable particulate matter	-	-

Engineering Controls

Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits
Dust collection system must be used in transferring operations, cutting or other dust generating processes, such as using power tools
Vacuum or wet clean-up methods should be used

Individual protection measures, such as personal protective equipment**Eye/face protection**

- Wear safety glasses with side shields (or goggles)

Skin and body protection

- Wear protective gloves
- Wear long-sleeved shirt and long pants

Respiratory protection

- When workers are facing airborne particulates/dust concentrations above the exposure limits, they must use an appropriate certified respirator
- A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended

General Hygiene Considerations

- Wash hands before breaks and immediately after handling products
- Remove and wash contaminated clothing before re-use

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Solid

Appearance

Fibrous

Odor

No information available

Color

No information available

Water solubility

Insoluble in water

10. STABILITY AND REACTIVITY

Possibility of Hazardous Reactions • None under normal processing conditions

Hazardous Decomposition Products • None known based on information supplied

11. TOXICOLOGICAL INFORMATION

Product Information

Dusts and fibers may cause temporary skin and mucous membranes itching due to mechanical abrasion effect of fibers. Mechanical abrasion is not considered as a health hazard in the meaning of Hazard Communication Standard (HCS 2012) OSHA Regulation. Inhalation may cause coughing, nose and throat irritation and sneezing. High exposures may cause difficult breathing, congestion and chest tightness

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen

12. ECOLOGICAL INFORMATION

This product is not expected to be hazardous for the environment

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national and local laws and regulations

14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

International Inventories

This product is classified as an article. Articles are exempted from registration or listing under chemicals inventories like TSCA (USA), DSL/NDL (CAN), REACH (EU), ENCS (JP), IECSC (CN), KECL (KR), PICCS (PH), AICS (AUS)

California Proposition 65

This product does not contain any Proposition 65 chemicals

16. OTHER INFORMATION

Creation Date	22-Jan-2016
Revision Date	05-Dec-2019
Revision Note	SDS sections updated 1,

Disclaimer

Reasonable care has been taken in the preparation of this information, but 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

End of Safe Use Instruction Sheet