



# SAFE USE INSTRUCTION SHEET

Creation Date 22-Jan-2016

Revision Date 18-Feb-2016

Version 1

## 0. GENERAL INFORMATION

This Safe Use Instruction Sheet is the document provided by Owens Corning to communicate safe handling and use instructions for manufactured articles neither regulated by OSHA Hazard Communication Standard, 29 CFR 1910.1200 nor by the Canada Hazardous Products Regulation SOR/2015-17 (WHMIS 2015)

## 1. IDENTIFICATION

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

## 2. HAZARDS IDENTIFICATION

<b>OSHA Regulatory Status</b>	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 This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>WHMIS Regulatory Status</b>	This product is considered an article per the Canadian Hazardous Products Regulation SOR/2015-17 Manufactured articles which meet the definition of the Canadian Hazardous Products Act (any article that is formed to a specific shape or design during manufacture, the intended use of which when in that form is dependent in whole or in part on its shape or design, and that, when being installed, if the intended use of the article requires it to be installed, and under normal conditions of use, will not release or otherwise cause an individual to be exposed to a hazardous product) are not regulated by the Canadian Hazardous Products Regulation SOR/2015-17
<b>Other Hazards</b>	May cause temporary skin and mucous membranes itching due to the mechanical abrasion

effect of fibers

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

While mineral wool may cause temporary skin and mucous membranes itching due to the mechanical abrasion effects of fibers, it does not meet the new classification definition of "irritant" contained in the OSHA HCS 29 CFR 1910.1000, Appendix A. OSHA now specifically defines an irritant as "a reversible inflammatory effect on living tissue by chemical action..." Owens Corning mineral wool is an inert material and does not interact chemically with the skin or mucous membranes

### 4. FIRST AID MEASURES

#### Description of First Aid Measures

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|---------------------|---|
| <b>Eye contact</b>  | <ul style="list-style-type: none"><li>• DO NOT rub or scratch eyes</li><li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li><li>• If eye irritation persists: Get medical advice/attention</li></ul>   |
| <b>Skin contact</b> | <ul style="list-style-type: none"><li>• Wash off immediately with soap and plenty of cold water</li><li>• DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers</li><li>• Use a wash cloth to help remove fibers</li><li>• DO NOT rub or scratch affected area</li><li>• Remove contaminated clothing and shoes</li><li>• 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</li><li>• If skin irritation persists, call a physician</li><li>• Never use compressed air to remove fibers from skin</li></ul> |
| <b>Inhalation</b>   | <ul style="list-style-type: none"><li>• Remove to fresh air</li><li>• If symptoms persist, call a physician</li></ul>   |
| <b>Ingestion</b>    | <ul style="list-style-type: none"><li>• Accidental ingestion of this material is unlikely</li><li>• Rinse mouth with water and drink water to remove fibers from the throat</li><li>• If this does occur watch person for several days to make sure intestinal blockage does not occur</li><li>• If symptoms persist, call a physician</li></ul>  |

### 5. FIRE-FIGHTING MEASURES

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|--|---|
| <b>Suitable extinguishing media</b>                          | <ul style="list-style-type: none"><li>• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment</li></ul>                                    |
| <b>Protective equipment and precautions for firefighters</b> | <ul style="list-style-type: none"><li>• As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear</li></ul> |

### 6. ACCIDENTAL RELEASE MEASURES

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|--------------------------------|--|
| <b>Personal precautions</b>    | <ul style="list-style-type: none"><li>• Avoid contact with eyes and skin</li></ul>   |
| <b>Methods for cleaning up</b> | <ul style="list-style-type: none"><li>• Use personal protective equipment as required</li><li>• Avoid creating dust</li><li>• Clean contaminated surface thoroughly</li><li>• Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry</li><li>• Take up mechanically, placing in appropriate containers for disposal</li></ul> |

### 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	<ul style="list-style-type: none"> <li>• Prevent and/or minimize dust formation</li> <li>• Do not breathe dust</li> <li>• Wear appropriate personal protective equipment in case of direct contact with the product</li> </ul>
<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>• Keep product in packaging until use to minimize potential dust generation</li> <li>• Product should be kept dry and undercover</li> </ul>
<b>Incompatible materials</b>	<ul style="list-style-type: none"> <li>• None known based on information supplied</li> </ul>

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

<b>Engineering Controls</b>	<p>Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits</p> <p>Dust collection system must be used in transferring operations, cutting or other dust generating processes, such as using power tools</p> <p>Vacuum or wet clean-up methods should be used</p>
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### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	<ul style="list-style-type: none"> <li>• Wear safety glasses with side shields (or goggles)</li> </ul>
<b>Skin and body protection</b>	<ul style="list-style-type: none"> <li>• Wear protective gloves</li> <li>• Wear long-sleeved shirt and long pants</li> </ul>
<b>Respiratory protection</b>	<ul style="list-style-type: none"> <li>• When workers are facing airborne particulates/dust concentrations above the exposure limits, they must use an appropriate certified respirator</li> <li>• A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended</li> </ul>
<b>General Hygiene Considerations</b>	<ul style="list-style-type: none"> <li>• Wash hands before breaks and immediately after handling products</li> <li>• Remove and wash contaminated clothing before re-use</li> </ul>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State @20°C</b>	Solid
<b>Appearance</b>	Fibrous
<b>Odor</b>	No information available
<b>Color</b>	No information available
<b>Water solubility</b>	Insoluble in water

## 10. STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions** • None under normal processing

**Hazardous Decomposition Products** • None known based on information supplied

## 11. TOXICOLOGICAL INFORMATION

<b>Product Information</b>	<p>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</p>
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## 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 is not regulated under California Proposition 65

### 16. OTHER INFORMATION

<b>Creation Date</b>	22-Jan-2016
<b>Revision Date</b>	18-Feb-2016
<b>Revision Note</b>	No information available

**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**