



# SAFE USE INSTRUCTION SHEET

Creation Date 26-Jan-1999

Revision Date 16-Nov-2015

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>	ThermoRange System® (TRS) Insulation, Sistema Thermorange®
<b>Synonyms</b>	InsulGuard™, ThermoRange System® (TRS) Insulation; TRS-10, TRS-20, TRS-30, TRS-40, TRS-50, Sistema Thermorange®
<b>Product Code</b>	OCIS00016
<b>Recommended Use</b>	Range Insulation
<b>Manufacturer Address</b>	Owens Corning Insulating Systems, 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.
<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 fiberglass products 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 fiberglass is an inert material and does not interact chemically with the skin or mucous membranes.

Fiberglass, Wool 85-99  
Binder - PAG 1-15%

### 4. FIRST AID MEASURES

#### Description of First Aid Measures

- |                     |   |
|---------------------|---|
| <b>Eye contact</b>  | <ul style="list-style-type: none"><li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li><li>• DO NOT rub or scratch eyes.</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 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 skin irritation persists, call a physician</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>• 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

- |  |   |
|--|---|
| <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><li>• Water spray (fog)</li><li>• Carbon dioxide (CO2)</li><li>• Foam</li><li>• Dry chemical</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 pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear</li></ul>   |

### 6. ACCIDENTAL RELEASE MEASURES

- |                                |   |
|--------------------------------|---|
| <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>• Pick up and transfer to properly labeled containers</li><li>• Avoid creating dust</li></ul> |

**7. HANDLING AND STORAGE**

- Precautions for safe handling**
- Avoid 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	Ontario TWA
Fiberglass wool 65997-17-3	TWA: 1 fiber/cm <sup>3</sup> 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 <sup>3</sup> inhalable fraction	-	-	TWA: 1 fibre/cm <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

- Engineering Controls**
- Showers
  - Eyewash stations
  - Ventilation systems

**Individual protection measures, such as personal protective equipment**

- Eye/face protection**
- Wear safety glasses with side shields (or goggles)
- Skin and body protection**
- Wear long-sleeved shirt and long pants.
  - Wear protective gloves
- Respiratory protection**
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators in accordance with their company's respiratory protection program, local regulations or 29 CFR 1910.134.
  - A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.
- General Hygiene Considerations**
- Wash face, hands and any exposed skin thoroughly after handling
  - Do not eat, drink or smoke when using this product
  - Wash contaminated clothing before reuse

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state** Solid
- Odor** Faint resin
- Color** Pink, White
- Water solubility** 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>	Fiberglass wool may cause temporary skin and mucous membranes itching due to mechanical abrasion effect of fibers.
<b>IARC (International Agency for Research on Cancer)</b>	In October 2001, the International Agency for Research on Cancer (IARC) classified fiber glass wool as Group 3, "not classifiable as to its carcinogenicity to humans". The 2001 decision was based on human studies and animal research that have not shown an association between inhalation exposure to dust from fiber glass wool and the development of respiratory disease.
<b>NTP (National Toxicology Program)</b>	In June 2011, The National Toxicology Program (NTP) removed biosoluble glass wool fibers from its list of possible carcinogens used for home and building insulation.

### 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

<b>International Inventories</b>	This product is classified as an article. Articles are exempted from registration or listing under chemicals inventories like TSCA (USA), DSL/NDSL (CAN), REACH (EU), ENCS (JP), IECSC (CN), KECL (KR), PICCS (PH), AICS (AUS).
<b>California Proposition 65</b>	This product does not contain any Proposition 65 chemicals

### 16. OTHER INFORMATION

<b>Creation Date</b>	26-Jan-1999
<b>Revision Date</b>	16-Nov-2015
<b>Revision Note</b>	This product is classified as an Article according to OSHA 29 CFR 1910.1200 and to the Canadian Hazardous Products Regulation SOR/2015-17 (WHMIS 2015). therefore is not regulated. This Safe Use Instruction Sheet replaces the former Material Safety Data Sheet (MSDS) and is not regulated

#### 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**