



SAFE USE INSTRUCTION SHEET

Creation Date 26-Jan-1999

Revision Date 11-Sep-2018

Version 3

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 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

Product Name ThermoRange System® (TRS) Insulation, Sistema Thermorange®

Synonyms InsulGuard™, ThermoRange System® (TRS) Insulation; TRS-10, TRS-20, TRS-30, TRS-40, TRS-50, Sistema Thermorange®, TIW Thermal Insulating Wool

Product Code OCIS00016

Recommended Use Range Insulation

Manufacturer Address Owens Corning Insulating Systems, 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://owenscorning.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

Comments 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

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- | | |
|---------------------|---|
| Eye contact | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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• Remove contaminated clothing and shoes• If skin irritation persists, call a physician• 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• Never use compressed air to remove fibers from skin |
| Inhalation | <ul style="list-style-type: none">• Remove to fresh air• If symptoms persist, call a physician |
| Ingestion | <ul style="list-style-type: none">• Accidental ingestion of this material 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 | <ul style="list-style-type: none">• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment• Water spray (fog)• Carbon dioxide (CO₂)• Foam• Dry chemical |
| Protective equipment and precautions for firefighters | <ul style="list-style-type: none">• As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|--------------------------------|---|
| Personal precautions | <ul style="list-style-type: none">• Avoid contact with eyes and skin |
| Methods for cleaning up | <ul style="list-style-type: none">• Use personal protective equipment as required• Pick up and transfer to properly labeled containers• Avoid creating dust |

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH REL |
|-------------------------------|--|----------|-----------|
| Fiberglass 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
 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
Appearance Fibrous
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

Product Information Fiberglass wool may cause temporary skin and mucous membranes itching due to mechanical abrasion effect of fibers

IARC (International Agency for Research on Cancer) 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

NTP (National Toxicology Program) 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

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

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|----------------------|----------------------------|
| Creation Date | 26-Jan-1999 |
| Revision Date | 11-Sep-2018 |
| Revision Note | SDS sections updated 2, 3, |

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