SAFE USE INSTRUCTION SHEET

Creation Date 13-May-2013 **Revision Date** 30-Apr-2020 **Version** 4

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 TRS and GEM® range Insulation with PureSolution™ Technology

Synonyms GEM® Insulation with PureSolution™ Technology, ThermoRange® System (TRS) with PureSolution™ Technology, InsulGuard™, UtiliCore, GEM®-PST, TRS-PST

Product code OCIS00028

Recommended Use 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
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

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

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
- DO NOT rub or scratch eyes
- Rinse thoroughly with plenty of water, also under the eyelids
- If symptoms persist, call a physician

Skin contact
- If skin irritation persists, call a physician
- Wash off immediately with plenty of water

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
- Pick up and transfer to properly labeled containers
- Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination
- Avoid dry sweeping
- Clean contaminated surface thoroughly

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
Fiberglass wool 65997-17-3	TWA: 1 fiber/cm3 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/m³ inhalable particulate matter	-	-

Engineering Controls When workers are facing airborne particulates/dust concentrations above the exposure limits, provide local exhaust and/or general ventilation to maintain exposure below regulatory recommended limits; OR they must use an appropriate certified respirator as suggested.
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 • Adequate respiration protection is recommended by using a properly fitted NIOSH approved disposable N 95 type dust respirator or better.

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 Organic
Color White
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 Fiberglass wool may cause temporary skin and mucous membranes itching due to mechanical abrasion effect of fibers

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)

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/NDSL (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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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