



# SAFE USE INSTRUCTION SHEET

Creation Date 14-Mar-2018

Revision Date 25-Apr-2018

Version 1

## 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

<b>Product Name</b>	Pipe Insulation
<b>Synonyms</b>	Mineral wool pipe insulation
<b>Product Code</b>	OCMW00009
<b>Recommended Use</b>	Pipe insulation
<b>Supplier 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 or 1-703-741-5970 CCN17393
<b>Emergency Telephone</b>	1-419-248-5330 (after 5 pm ET and weekends)
<b>Company Website</b>	<a href="http://owenscorning.com/">http://owenscorning.com/</a>

## 2. HAZARDS IDENTIFICATION

<b>Regulatory Status</b>	<p>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</p> <p>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</p>
<b>Other Information</b>	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
  - If eye irritation persists: Get medical advice/attention
- Skin contact**
  - Wash off immediately with soap and plenty of cold water
  - Remove contaminated clothing and shoes
- Inhalation**
  - Remove to fresh air
- Ingestion**
  - Clean mouth with water and drink afterwards plenty of water

**5. FIRE-FIGHTING MEASURES**

- Flammable properties**
  - Un-faced materials are non-combustible.
  - Facings and packaging may be combustible
- 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
  - Use personal protective equipment as required
  - Avoid creating dust
- Methods for cleaning up**
  - Use personal protective equipment as required
  - Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry
  - Take up mechanically, placing in appropriate containers for disposal
  - Avoid creating dust
  - Clean contaminated surface thoroughly

**7. HANDLING AND STORAGE**

- Precautions for safe handling**
  - Handle in accordance with good industrial hygiene and safety practice
- Storage Conditions**
  - Keep product in packaging until use to minimize potential dust generation
- 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 <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 particulate	-	-

	matter		
Formaldehyde 50-00-0	Ceiling: 0.3 ppm	TWA: 0.75 ppm STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm

NIOSH REL Immediately Dangerous to Life or Health

**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 protective gloves  
    • Wear long-sleeved shirt and long pants
- 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** • Do not eat, drink or smoke when using this product  
    • Wash face, hands and any exposed skin thoroughly after handling

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state**                                  Solid  
**Odor**    Low odor  
**Color**    Grayish-green  
**Water solubility**                                Insoluble in water

**10. STABILITY AND REACTIVITY**

- Stability**    • Stable under normal conditions
- Possibility of Hazardous Reactions** • Hazardous polymerization does not occur
- Hazardous Decomposition Products** • None known based on information supplied

**11. TOXICOLOGICAL INFORMATION**

**Product Information**                        Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness

**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)

Chemical name	ACGIH	IARC	NTP	OSHA
Mineral Wool		Group 3		
Formaldehyde	A2	Group 1	Known	X

**IARC (International Agency for Research on Cancer)**                      In October 2001, the International Agency for Research on Cancer (IARC) classified mineral wool (insulation glass wool, rock(stone) wool and slag 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 mineral wool and the development of respiratory disease  
 Group 3 - Not classifiable as a human 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****Warning**

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical name	California Proposition 65
Formaldehyde 50-00-0	Carcinogen

**16. OTHER INFORMATION**

**Creation Date** 14-Mar-2018  
**Revision Date** 25-Apr-2018  
**Revision Note** New document

**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**