



July 24, 2017

JPL does not publish a Material Safety Data Sheet (MSDS) on our flexible duct products. An MSDS is generally applicable to chemicals and products that may release toxic materials. To our knowledge there are no hazardous or toxic substances which would be harmful to individuals in the handling of our product nor the end use of conveying conditioned air throughout a dwelling.

Sincerely,

A handwritten signature in black ink that reads "Jason Shelton". The signature is written in a cursive style with a large, sweeping 'S'.

Jason Shelton
Engineering Manager



SAFE USE INSTRUCTION SHEET

Creation Date 16-Dec-1997

Revision Date 30-Oct-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

Product Name	Fiberglass Insulation Made With PureFiber® Technology Unfaced Products
Synonyms	Acoustical Backing Board, Attic Door Insulator, Attic Hatch Insulator, R-13 Basement Finishing System™, Batts in Bags, Cathedral Batt Insulation, Cavity Wall, Certified R, EcoTouch®, Extended Flange 25, Flame Spread 25 Hi-Perm Residential/Commercial Insulation, Insulation Batts, Insulation for Flexible Duct, Manufactured Housing Insulation, MBI Plus, Metal Building Insulation, Metal Building Utility Blanket, Metal Framing Batts, Metal Framing Insulation, NOISE Stop Blanket, PINK® Insulation, PROPINK® Fast Batt®, QuietZone® Acoustic Batt, Sonobatts®, Aislhogar, Aislacustic™, Deco SKY™, RA Series Insulation, UtiliCore® HP5
Product Code	OCIS00026
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
24 Hour Emergency Phone Number	Chemtrec 1-800-424-9300
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

OSHA 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 chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
WHMIS Regulatory Status	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.

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 85-100%
Binder - EcoTouch - 0-15%

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
- 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

- If skin irritation persists, call a physician
- Wash off immediately with plenty of water
- Wash off immediately with soap and cold water
- DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers
- Use a wash cloth to help remove fibers
- DO NOT rub or scratch affected area
- Remove contaminated clothing and shoes
- 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

- Remove to fresh air
- If symptoms persist, call a physician

Ingestion

- 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

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

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	Ontario TWA
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 fraction	-	-	TWA: 1 fibre/cm ³ TWA: 5 mg/m ³

Engineering Controls Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.
Dust collection system must be used in transferring operations, cutting or other dust generating processes, such as using power tools.
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**
- When workers are facing airborne particulates/dust concentrations above the exposure limits, they must use an appropriate certified respirator.
 - A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.
- 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
Odor	Organic
Color	Pink
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/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

Creation Date 16-Dec-1997
Revision Date 30-Oct-2015
Revision Note 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