

PowerWool™ RIGIBOARD™ Exterior Mineral Wool Insulation

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SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product Name: PowerWool™ RIGIBOARD™ 80,
PowerWool™ RIGIBOARD™ ONE, PowerWool™ RIGIBOARD™ PRO,
PowerWool™ RIGIBOARD™ PRO MAX, PowerWool™ CAVITYBOARD,
PowerWool™ CAVITYBOARD HD, PowerWool™ CURTAINBOARD,
PowerWool™ CURTAINBOARD HD 80

Recommended Use: Insulation material for exterior building applications.
Exterior use only. Always use appropriate PPE when handling or exposed to high concentrations of dust.

Manufacturer: PowerWool Insulation Inc.
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Emergency Contact: +1 604-542-9926

Date Prepared: August 30, 2023 **Prepared By:** Ross Power

SECTION 2 - HAZARDS IDENTIFICATION

Please Note: This product is a “manufactured article” as defined by OSHA 29 CFR 1910.1200. 29 and in Canada by WHIMIS: Canadian Hazardous Products Regulation SOR/2015-17. Per these regulations, this product does not require a material safety data sheet.

Classification: Not classified as hazardous under the criteria stated above.

Potential Hazards: None known under normal use conditions however, the product may be the cause of temporary skin and mucous membranes itching due to the abrasion effect of its fibres.

SECTION 3 - COMPOSITION / INFORMATION

Ingredients: Mineral wool fibres, binding agents. See Section 15.

Concentration: Composition proprietary, varies according to product specifications.

SECTION 4 - FIRST AID MEASURES

Inhalation: Move person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Do not scratch or rub due to irritation. Use cold running water to rinse before washing affected area with mild soap and more cold water, using a wash cloth to help remove fibres. Remove contaminated clothing and shoes. If fibres are seen penetrating from the skin, the fibers may be removed by applying a light adhesive tape and then removing the tape from the skin so fibers pulled off and out of skin. Do not use compressed air to remove fibers from skin. If irritation persists, seek medical attention.

Eye Contact: Do not scratch or rub eyes. Rinse eyes thoroughly with water for at least 15 minutes including under the eyelids. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water to remove fibres from throat. Drink water after rinsing to remove left over fibres. If ingestion does occur, watch person for several days to make sure intestinal blockage does not occur. Seek medical attention if symptoms occur.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use appropriate extinguishing measures for local circumstances and the surrounding environment.

Protective Equipment & Firefighter Precautions: Similar to any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and protective clothing to prevent exposure to fumes and smoke.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate personal protective equipment (PPE). Minimize dust generation.

Environmental Precautions: Prevent material from entering drains or water sources.

Cleanup Procedures: Collect spilled material using suitable methods, avoiding dust generation. Clean any contaminated area thoroughly with plastic sheet or tarp to reduce spreading. Dispose of according to local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Use in well-ventilated areas. Avoid generating dust. Do not breathe dust. Wear appropriate PPE (NIOSH certified dust respirator with N95 efficiency rating or greater). In addition to respirator use loose-fitting long-sleeve clothing, gloves, and eye protection.

Storage: Store in a cool, dry and well-ventilated place away from direct sunlight and incompatible materials. Product should be kept in packaging until use to limit dust generation. Packaging not intended for protection against elements from long term outside storage. For long term storage, product be stored in a well-ventilated area away from heat sources and incompatible materials or outdoors with factory packaging perforated but all material protected by waterproof tarp or membrane. Product should be minimum of 100 mm (approx. 4 inches) above a dry ground and kept on a flat, solid surface.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines: Follow all exposure limits that are applicable. Local regulations may apply. PowerWool recommends that product users follow the OSHA-recommended PEL (permissible exposure limits) of 1 f/cc TWA: fibres longer than 5 µm with diameters less than 3 µm (f/cc = fibre per cubic centimetre; TWA = time weighted average). This recommended PEL, along with recommended work practices and personal protective equipment, were adopted through the Health and Safety Partnership Program (HSPP) agreement in 1999 by OSHA and the North American Insulation Manufacturers Association (NAIMA). By adhering to the OSHA - recommended PEL, work practices and protective equipment in the HSPP are expected to provide appropriate protection against inhalation-related health risks that may be associated with exposures to mineral wool fibers (ACGIH, 1997; NAIMA, 1999; OSHA, 1999; National Research Council, 2000; IARC, 2001), and also to minimize skin and eye irritation.

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below recommended exposure limits.

Respiratory Protection: When handling/cutting, unloading or loading, or if exposure limits are exceeded or if product cannot be stored in well ventilated areas, use NIOSH/MSHA-approved respiratory protection (NIOSH certified dust respirator with N95 efficiency rating or greater).

Hand Protection: Wear gloves when handling product inside bags or if one may come in contact with the mineral wool fibers.

Eye Protection: Wear safety goggles or glasses with side shields.

Skin Protection: Wear long-sleeved, loose-fitting clothing to minimize skin contact.

Hygiene Measures: Wash hands and face after handling. Do not eat, drink, or smoke while handling the product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fibrous material

Odor: Mild resin odour

pH: Not applicable

Melting Point: >1000°C (>1832°F)

Solubility: Insoluble in water

Density: Varies according to product specifications

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions based on information supplied.

Incompatible Materials: Avoid contact with strong acids or bases.

Hazardous Decomposition Products: None under normal use conditions based on information supplied.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Not expected to cause significant adverse effects under normal conditions of use.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not considered harmful to aquatic life or terrestrial organisms based on information supplied.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with local regulations. Product not expected to be characterized as hazardous waste. Recycling may be appropriate where facilities exist.

SECTION 14 – TRANSPORT INFORMATION

UN Number: Not regulated.

Shipping Name: Not regulated.

Transport Hazard Class: Not regulated. This material is not subject to regulation as a hazardous material for shipping.

SECTION 15 – REGULATORY INFORMATION

Regulatory Status: This product is classified as an article. Most articles including this product are exempted from registration or listing by most regulatory agencies (OSHA/WHIMIS).

California Proposition 65: These products contain formaldehyde, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.

SECTION 16 – OTHER INFORMATION

Other: This Safe Use Instruction Sheet is provided as a guideline for the safe handling and use of the product. The information herein is based on the current state of knowledge and is subject to change without notice. Users are responsible for ensuring that the product is used in compliance with local, state, and federal laws and regulations.

This Safe Use Instruction Sheet is not intended to be all-inclusive. The information provided is based on data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.