



# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 29.09.2015

Revision: 29.09.2015

## 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** PAROC STONE WOOL

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:**

Stone wool products for building , technical and sound insulation, shaped like slabs, mats or pipes.

**Details of Manufacturer or Importer:**

FM Insulation Supplies  
6/10 Bromley Road  
Emu Plains NSW 2750

**Phone Number:** 02 4735 5699

**Emergency telephone number:** 0417 230 030

## 2. HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word** Void

**Hazard Statements** Void

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization:** Mixtures

**Description:** No reportable hazardous substances or complex substances.

**Hazardous Components:** Void

**Additional information:**

Paroc stone wool has no classification. No CAS numbers are supplied.  
Mineral wool - 95-99%, Binder - 1-5%, Oil - 0.1-0.5%

## 4. FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Rinse the mouth and blow nose to clear dust. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Give plenty of water to drink. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Handling or machining of these products may produce respirable dust particles. Dust may irritate eyes, skin and respiratory tract.

Inhalation: Dust may cause irritation or soreness of throat and nose.

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Skin Contact: Dust may cause temporary itching and irritation.

Eye Contact: Dust may cause temporary irritation or abrasion to the eye.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.**Specific Hazards Arising from the Chemical:**

Decomposition of binder at temperatures above 190 °C may produce carbon dioxide and some trace gases.

Non combustible product.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protective equipment against excessive concentrations of respirable and fibrous dust or other possible contaminants, protective gloves and loose fitting overalls and safety glasses with top and side shields or goggles. Normally, a class P2 cartridge respirator should be sufficient. Where medium to high level of dust is likely to be generated, class P3 cartridge respirator should be used. In extremely dusty operations a full faced positive pressure airline respirator may be required. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid dust generation and collection.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Spilled area should be wet down with water to reduce dust generation before cleanup. A surfactant may be added to the water to improve wetting process. Do not allow water to accumulate on floors. Pick up large pieces, sweep and place into a sealable container to prevent waste material from becoming airborne or remove dust by using a vacuum cleaner fitted with high efficiency filter (HEPA). Never use compressed air to collect fibres as smallest particles remain airborne.

## 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Maintain a good standard of cleanliness. Avoid formation and collection of dust. Work areas must be regularly cleaned of off-cuts and loose fibres, which should be sealed in plastic disposal bags or other sealable containers.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in original packaging in a cool, dry and well ventilated area. Protect from humidity and mechanical damage. Avoid damaging the packaging. Do not leave outside where the fibre may be open to the wind and become airborne. Minimize airborne dusts by avoiding the unnecessary disturbance of product. Do not re-use product packaging. It may contain residues.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:**

Rock (stone) wool:

2 mg/m<sup>3</sup> - inhalable dust

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**Engineering Controls:** Ensure adequate ventilation of the working area.**Respiratory Protection:**

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Protective gloves and loose fitting overalls. See Australian Standards AS/NZS 2161 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Solid, fibrous
<b>Colour:</b>	Grey
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	Odourless
<b>pH-Value:</b>	Not applicable.
<b>Melting point/Melting range:</b>	>1000 °C
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Non combustible.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	>190 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable.
<b>Density at 20 °C:</b>	20-250 kg/m <sup>3</sup>
<b>Vapour Density:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Insoluble

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** No further relevant information available.**Incompatible Materials:** No information available**Hazardous Decomposition Products:** Carbon dioxide and some trace gases.

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:** No information available**Acute Health Effects****Inhalation:** Dust may cause irritation or soreness of throat and nose.**Skin:** Dust may cause temporary itching and irritation.**Eye:** Dust may cause temporary irritation or inflammation.

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**Ingestion:** Ingestion is unlikely. May cause gastrointestinal disturbances.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** No sensitising effects known.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**  
Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**  
Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No adverse ecological effects are expected.

**Aquatic toxicity:** No adverse ecological effects are expected.

**Persistence and Degradability:** Persistent

**Bioaccumulative Potential:** The product has low potential for bioaccumulation.

**Mobility in Soil:** The product has low potential for mobility.

**Other adverse effects:** No information available

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 . TRANSPORT INFORMATION

**UN Number** Not regulated

**Proper Shipping Name** Not regulated

**Dangerous Goods Class** Not regulated

**Packing Group:** Not regulated

**Marine pollutant:** No

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## 15 . REGULATORY INFORMATION

**Australian Inventory of Chemical Substances:****Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Not Scheduled.

## 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 29.09.2015**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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