

## P40-MAK Wrap™

## Safety Datasheet

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**1. SUBSTANCE IDENTIFICATION**

<b>Product Name</b>	P40-MAK Wrap™ or Mineral Fibre Wrap
<b>Product Code</b>	P40-MAK
<b>Use/Description</b>	P40-MAK Wrap™ is designed to provide a simple and effective method for increasing the insulation rating of thermally conductive service penetrations through fire walls and floors. It consists of medium density mineral fibre insulation, lined on one face with reinforced aluminium foil backing.

**2. COMPOSITION**

<b>Contains</b>	The wrap consists of stone wool (or rockwool) fibre with an aluminium foil facing.
<b>Hazardous Components</b>	Rockwool fibres 96-99% CAS No or other code: 650-016-00-2(Xi) R38

Substance	EC Identification No.	REACH Registration Number	Content (% weight)	Classification, labelling and packaging (EU Regulation (CE) 1272/2008)
Stone Wool	926-099-9	01-211-947-2313-44	95-100%	Not Classified H351. >0.1% CLP Classified substances
Synthetic Thermosetting polymer binder			0-5%	Not Classified
Mineral Oil			0-0.05%	Not Classified

### 3. HAZARD IDENTIFICATION

<b>Main Hazards</b>	<p>Rockwool is classified as irritating to skin. The Irritation is mechanical and temporary. High dust levels from cut product may irritate the eyes and the upper respiratory tract.</p> <p>The resin binder poses no known hazard in its cured state.</p>
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### 4. FIRST AID MEASURES (SYMPTOMS)

<b>Skin Contact</b>	Irritation at the site of contact.
<b>Eye Contact</b>	Irritation and redness.
<b>Ingestion</b>	Irritation to throat.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest.

## 5. FIRST AID MEASURES (ACTION)

<b>Skin Contact</b>	Remove contaminated clothing and wash immediately with mild soap and cold water. If irritation persists seek medical advice.
<b>Eye Contact</b>	Bathe with water for 15 minutes, seek medical advice.
<b>Ingestion</b>	Drink plenty of water and wash out mouth with water. Seek medical advice.
<b>Inhalation</b>	Remove from exposure to fresh air, rinse throat and clear dust from airways. Seek medical advice.

## 6. FIRE FIGHTING MEASURES

<b>Suitable Extinguishers</b>	Water, foam, carbon dioxide (CO <sub>2</sub> ), and dry powder.
<b>Protective Equipment</b>	Breathing apparatus is required.

## 7. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.
<b>Environmental Precautions</b>	No special precautions required.
<b>Clean-up Procedures</b>	Transfer to suitable container. Granules or dust should be damped down prior to removal with water. Refer to Section 12 for suitable methods of disposal.

## 8. HANDLING & STORAGE

<b>Handling Requirements</b>	Wear suitable protective clothing. Minimise dust creation and ensure adequate ventilation. Avoid inhalation of dust or wool fibres use local exhaust ventilation if possible. Avoid contact with eyes or skin. Cut the product using a sharp hand tool on a fixed workbench avoid power tools.
<b>Storage Conditions</b>	Store in a cool dry, well ventilated area off the ground and palletized.
<b>Suitable Packaging</b>	Store in original packaging.

## 9. EXPOSURE CONTROL & PERSONAL PROTECTION

<b>Exposure Control</b>	LTEL2 fibre/ml, 5mg/m <sup>3</sup> LTEL (8 hour TWA reference period).
<b>Respiratory Control</b>	Ensure adequate ventilation for airborne dust particles. Use of suitable dust mask is recommended in accordance with EN 149 FFP1.
<b>Hand Protection</b>	Protective gloves conforming to EN 388.
<b>Eye Protection</b>	Protective glasses with side shields conforming to EN 166.
<b>Skin Protection</b>	Protective clothing to cover exposed skin.

## 10. PHYSICAL & CHEMICAL PROPERTIES

<b>State</b>	Solid
<b>Colour</b>	Grey-Green with silver coating.
<b>Odour</b>	Odourless
<b>Solubility in Water</b>	Generally chemically inert and insoluble in water.
<b>Relative Density</b>	40kg per m <sup>3</sup>
<b>pH</b>	Not applicable.

## 11. STABILITY & REACTIVITY

<b>Stability / Reactivity</b>	Stable and non reactive.
<b>Conditions to Avoid</b>	None specified.
<b>Materials to Avoid</b>	None specified.
<b>Haz. Decomp. Products</b>	During thermal decomposition at temperatures above 175°C binder components and decomposition gases are emitted from the coating and board. At temperatures above 280°C ammonia is produced.

## 12. TOXICOLOGICAL INFORMATION

<b>Toxicological Information</b>	No data available.
<b>Skin Contact</b>	May be mild irritation at the site of contact.
<b>Eye Contact</b>	May be irritation and redness.
<b>Ingestion</b>	May be irritation of the throat.
<b>Inhalation</b>	May be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / Immediate Effects</b>	Immediate effects can be expected after short term exposure.

## 13. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	None. This product is not expected to cause harm to animals or plants during normal conditions of use. Stone wool is principally made from non scarce rock material and recycled stone wool.
<b>Persistence and degradability</b>	None
<b>Bioaccumulative potential</b>	No bioaccumulation potential.
<b>PBT Identification</b>	No assessment required.
<b>Other adverse effects</b>	Relying on entrapped air for its thermal properties, the products do not, and never have used blowing agents with Ozone Depleting Potential or Global Warming Potential. No flame retardants are added.

## 14. DISPOSAL CONSIDERATIONS

<b>Disposal Operations</b>	Stone wool is recyclable. Dispose of in accordance with local authority requirements. Do not discharge into drains or water ways.
<b>Disposal of Packaging</b>	Dispose of as normal industrial waste according to local or national legislation.

## 15. TRANSPORT HAZARDS

**Transport Hazards**

No regulations apply for the transport of this material.  
Not classified as hazardous road, rail, sea or air transport.

## 16. ADDITIONAL INFORMATION

**Disclaimer**

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage transportation, disposal and release and is not considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

## LIMITATION

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice.

The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification please contact BOSS Technical Services.

## FURTHER INFORMATION

For additional technical information on the performance of P40-MAK Wrap™, other BOSS Fire® products or any other BOSS Fire® related information please contact us on:

**AU:** 1300 502 677

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