

SAFETY DATASHEET

P40-MAK Wrap

Issue Date: 30/8/2019

Review Date: 30/8/2024

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1. SUBSTANCE IDENTIFICATION

Product Name	P40 Mak Wrap or Mineral Fibre Wrap
Product Code	P40-Mak
Use/Description	BOSS 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

Contains	The wrap consists of stone wool (or rockwool) fibre with an aluminium foil facing.
Hazardous Components	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

Main Hazards	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. The resin binder poses no known hazard in its cured state
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4. FIRST AID MEASURES (SYMPTOMS)

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

5. FIRST AID MEASURES (ACTION)

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

6. FIRE FIGHTING MEASURES

Suitable Extinguishers	Water, foam, carbon dioxide (CO2), and dry powder
Protective Equipment	Breathing apparatus is required

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.
Environmental Precautions	No special precautions required
Clean-up Procedures	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

Handling Requirements	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.
Storage Conditions	Store in a cool dry, well ventilated area off the ground and palletized
Suitable Packaging	Store in original packaging

9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Control	LTEL2 fibre/ml, 5mg/m3 LTEL (8 hour TWA reference period)
Respiratory Control	Ensure adequate ventilation for airborne dust particles Use of suitable dust mask is recommended in accordance with EN 149 FFP1
Hand Protection	Protective gloves conforming to EN 388
Eye Protection	Protective glasses with side shields conforming to EN 166
Skin Protection	Protective clothing to cover exposed skin

10. PHYSICAL & CHEMICAL PROPERTIES

State	Solid
Colour	Grey-Green with silver coating
Odour	Odourless
Solubility in Water	Generally chemically inert and insoluble in water
Relative Density	40kg per m3
pH	Not applicable

11. STABILITY & REACTIVITY

Stability / Reactivity	Stable and non reactive.
Conditions to Avoid	None specified.
Materials to Avoid	None specified.
Haz. Decomp. Products	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

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

13. ECOLOGICAL INFORMATION

Ecological Information	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.
Persistence and degradability	None.
Bioaccumulative potential	No bioaccumulation potential
PBT Identification	No assessment required
Other adverse effects	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

Disposal Operations	Stone wool is recyclable. Dispose of in accordance with local authority requirements Do not discharge into drains or water ways
Disposal of Packaging	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
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16. ADDITIONAL INFORMATION

Disclaimer	<p>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.</p> <p>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.</p> <p>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.</p>
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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 on +61 2 9531 8591.

FURTHER INFORMATION

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

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