

INSULATED FIRE SLEEVES

Revision Date: 01/06/2017

1. Identification of the product and of the company

1.1 Product identifier

Insulated Fire Sleeves

1.2 Identified use of product

Designed for fitting around plastic and metal pipes that penetrate walls and floors.

1.3 Details of supplier

ROCKWOOL® Pencoed, Bridgend, CF35 6NY
REACH registration number 01-2119472313-44

1.4 Emergency telephone number

ROCKWOOL® Ltd Customer Support 9am-5pm
Tel: 01656 862621 Email: SDS@rockwool.com

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]:

The product is not classified according to CLP regulation.

Classification according to Directive 67/548/EEC or 1999/45/EC:

Not classified.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

The product has not been classified and marked in accordance with Regulation (EC) No 1272/2008.

Supplemental hazard information (EU):

These products contain low bio-persistence mineral fibres.

These products are not hazardous in the form in which they are shipped by the manufacturer. However, they may produce low levels of fibre-containing dust as a result of downstream activities such as cutting.

2.3 Other hazards

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure, however any effects are usually temporary.

3. Composition/information on ingredients

These products are made from varying amounts of low bio-persistence mineral fibres, organic fibres and binders.

4. First-aid measures

4.1 Description of first aid measures

General Information:

The main hazards arise from downstream activities such as cutting.

Following Inhalation:

Avoid breathing dust. If breathing difficulties are experienced whilst cutting, remove to fresh air or a ventilated area and seek medical advice.

Following Skin Contact:

If possible, vacuum excessive dust from clothes as well as skin and hair. Wash and clean contaminated skin with soap and clean water. Clothes should be washed professionally.

Following Eye Contact:

In case of eye contact, irrigate abundantly with water. Seek medical attention.

Following Ingestion:

If small quantities are ingested, seek medical advice.

Self-Protection for First Aider:

Wear suitable personal protective equipment to avoid inhaling dust.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:

No symptoms expected.

Effects:

No effect expected.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for Doctor:

None required.

Special Treatment:

None required.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:
Not flammable.

Unsuitable extinguishing media:
Not applicable.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:
None

5.3 Advice for fire-fighters

None required.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Avoid inhaling dust.

Protective equipment:
Protective clothing should be provided for operators along with protective equipment shown in Section 8.

Emergency procedures:
None required.

For emergency responders:
Avoid inhaling dust.

Personal protective equipment:
Protective clothing should be provided along with protective equipment shown in Section 8.

6.2 Environmental precautions

Remove dust by using a vacuum cleaner fitted with 'H' type filters. Where vacuum cleaning is not possible, dampen down dust and collect whilst still damp. Suitable bags are required for disposal.

Dust should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

6.3 Methods and materials for containment and cleaning up

For containment:
Dampen down any dust spillages as soon as possible and collect whilst still damp.

For cleaning up:

Remove dust using vacuum with 'H' type filters and suitable bags for containment.

Dust should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

6.4 Reference to other sections

Section 7 for Handling and Storage and Section 8 for Protective Equipment.

7. Handling and storage

7.1 Precautions for safe handling

Protective measures:

No special protective measures are normally required.

Advice on safe handling:

Normal safe precautions for handling can be employed.

Fire prevention:

Products are not flammable.

Aerosol and dust generation prevention:

Small amounts of dust may be generated if products are allowed to abrade against each other.

Environmental precautions:

No special precautions are required.

Advice on general occupational hygiene:

Wear protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Both un-cut and cut products should be packed to prevent movement and abrasion during transit and to prevent absorption of water.

Otherwise normal safe precautions for storage can be used.

To avoid damage and distortion, store on a smooth level surface, in a fully supported position off the ground and in a dry place.

Packaging materials:

Card cartons.

Requirements for storage rooms and vessels:

Dry location.

Hints on storage assembly:

The product is not considered a dense material but care should be taken not to exceed safe working loads for equipment and storage shelves or racks.

Storage class:

N/A

Materials to avoid:

No special requirements.

Further information on storage conditions:

N/A

7.3 Specific end uses**Recommendations:**

N/A

Specific end uses:

See references to dust hazards during cutting, Section 4.

8. Exposure controls/personal protection**8.1 Control parameters**

Reference should be made to local and country-specific occupational exposure limits for dust and low bio-persistence mineral fibres.

UK monitoring methods can be found as follows:

MDHS 14/4: General methods of sampling and gravimetric analysis of thoracic and inhalable aerosols.

MDHS 59: Machine-made fibres airborne number concentration and classification by phase contrast light microscopy.

NIOSH 0500: Particulates not otherwise regulated, total.

NIOSH 0600: Particulates not otherwise regulated, respirable.

NIOSH 7400: Asbestos and other fibres by PCM.

8.2 Exposure controls

Fit and use appropriate local exhaust ventilation systems for cutting and machining operations.

Maintain a clean workspace using a vacuum cleaner.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	Solid material
Appearance:	Formed product
Colour:	Grey
Odour:	N/A
Odour threshold:	N/A
pH:	N/A
Melting/freezing Point:	N/A
Boiling point:	N/A
Flash point:	N/A
Evaporation rate:	N/A
Flammability (solid, gas):	N/A
Upper/lower flammability or explosive limits:	N/A
Upper explosive limit:	N/A
Lower explosive limit:	N/A
Vapour pressure:	N/A
Vapour density:	N/A
Relative density:	200 kg/m ³
Solubility:	Not soluble in water
Partition coefficient n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Dynamic viscosity:	N/A
Kinematic viscosity:	N/A
Explosive properties:	N/A
Oxidising properties:	N/A

10. Stability and reactivity**10.1 Reactivity:**

Stable and non-reactive.

10.2 Chemical Stability:

Stable and inert.

10.3 Possibility of Hazardous Reaction:

None

10.4 Conditions to Avoid:

None

10.5 Incompatible Materials:

None

10.6 Hazardous Decomposition Products:

None

11. Toxicological information

11.1 Information on toxicological effects

Exposure is mainly due to low levels of dusts generated during downstream activities such as cutting.

Low bio-persistence mineral fibres as used in these products have been developed to be quickly and effectively cleared from lung tissues.

Acute effects:

Acute inhalation toxicity:

Nose and throat irritation

Skin irritation:

Mild irritation

Eye irritation:

Irritation

Chronic effects:

Respiratory or Skin Sensitisation:

Irritation of both the respiratory tract and skin is by mechanical means and is not the result of an allergic reaction or chemical damage.

12. Ecological information

12.1 Toxicity

The product is insoluble in water and remains stable over time. The major constituents are similar in their chemical composition to naturally occurring materials and minerals.

12.2.Persistence and degradability

Not established.

12.3 Bio-accumulative potential

Not established.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

These products do not contain substances that are considered as either PBT or vPvB.

12.6 Other adverse effects:

No other additional information available.

13. Disposal considerations

13.1 Waste treatment methods

Product/Packaging Disposal:

Packaging can be cleaned and recycled.

Waste treatment options:

Waste from these products may be disposed of in landfill according to local regulations.

14. Transport information

14.1 UN number:

Product is not dangerous according to current transport regulations.

14.2 UN proper shipping name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

N/A

14.6 Special precautions for user

N/A

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

N/A

15. Regulatory information

15.1 Safety, Health and Environmental Regulations/ Legislation Specific for the Substance or Mixture

EU Regulations

Regulation (EC) No 1907/2006, 18th December 2006, on Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008, 20th January 2009, on Classification, Labelling and Packaging of Substances and Mixtures (OJL 353).

The 7th Adaption of Technical Progress (ATP) to Regulation (EC) No 1272/2008 was published on 15th July 2015.

Worker Protection

In accordance with the following directives and their amendments:

Council Directive 89/391/EEC, 12th June 1989 on the Introduction of measures to encourage improvements in the health and safety of workers at work.

Council Directive 98/24/EC, 7th April 1998 on the Protection of workers from the risks related to chemical agents at work.

15.2 Chemical Safety Assessment

Available on request.

16. Other information**16.1 Indication of changes**

All sections updated 23rd March 2017.

16.2 Abbreviations and acronyms

None used.

16.3 Key literature references and sources of data

See main sections.

16.4 Classification for Mixtures and Used Evaluation Method According to Regulation (EC) 1207/2008 [CLP]

See Section 2.

16.5 Relevant H- and EUH Phrases (Number and Text)

N/A

16.6 Training advice

Please contact ROCKWOOL® for further information.

16.7 Further information

For further information, visit www.rockwool.co.uk

Other information

The information provided in this safety sheet is correct at the date of its publication, to the best of our knowledge, information and belief. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered as 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 other process, unless specified in the text. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

The information is current as of June 2017.