

K-Roc®

Product safety information

Although the REACH Regulation does not require a Safety Data Sheet to be provided for Kingspan K-Roc® products, as they are considered articles under the Regulation, this Product Safety Information Sheet has been prepared to reflect the primary SDS requirements as set out in Annex II to Regulation (EU) 2020/878 (REACH), as amended at the date of the publication, as they might reasonably apply to articles.

1 Identification of the product and of the company / undertaking

1.1 Product identifier

Kingspan K-Roc® Flat Roof Slab 70/039
Kingspan K-Roc® Framing Slab
Kingspan K-Roc® Rainscreen Slab
Kingspan K-Roc® Soffit Slab
Kingspan K-Roc® External Wall Slab (in Ireland only)
Kingspan K-Roc® Partial Fill Cavity Wall Slab (in Ireland only)

1.2 Relevant identified uses of the product

Rock mineral fibre insulation for building fabric applications. No uses advised against on physical, health or environmental grounds based on the provisions of the REACH Regulation.

1.3 Details of the manufacturers of the products

Kingspan K-Roc® Framing Slab & Kingspan K-Roc® Rainscreen Slab: Paroc Group Oy, Enegiakuja 3, FI-00180, Helsinki, Finland.

Kingspan K-Roc® External Wall Slab, K-Roc® Partial Fill Cavity Wall Slab, Kingspan K-Roc® Flat Roof Slab 70/039 & Kingspan K-Roc® Soffit Slab: Kingspan Mineral Insulation GmbH, Paitzdorfer Straße 62, 07580 Ronneburg, Germany.

1.4 Details of the supplier of the Product Safety Information sheet

Company Name: Kingspan Insulation Limited
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2 Hazards identification

2.1 Classification

There are no applicable Globally Harmonised System (GHS) hazard statements for the substances contained in these products. Accordingly, there are no known hazards associated with the normal handling or use of these insulation products.

2.2 Label elements

In line with the lack of classification, there are no specific labelling requirements.

2.3 Other hazards

Cutting may generate dust. As with most types of nuisance dust, excessive dust may irritate the eyes, respiratory tract or sensitive skin. See Section 8.1 for further information.

3 Composition information

Core: Rock mineral fibre (as defined in EN 13162) insulation.

4 First aid measures

4.1 Description of first aid measures

Inhalation:	Remove the person to fresh air.
Skin:	Wash carefully using soap and water or a proprietary cleanser to remove. Do not rub or scrub affected area. Remove contaminated clothing and shoes.
Eyes:	Do not rub or scratch eyes. Wash carefully to remove. If eye irritation persists, get medical advice / attention.
Ingestion:	Drink plenty of water if dust particles are accidentally ingested.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	Possible irritation or soreness in throat and nose.
Skin:	Temporary irritation or rash. When fibres are handled, skin irritation may occur.
Eyes:	Temporary irritation or inflammation.
Ingestion:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention if needed. Treat symptomatically.

5 Firefighting measures

5.1 Flammable properties

Unfaced materials are non-combustible. Facings and packaging may be combustible.

5.2 Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.3 Protective equipment and precautions for firefighters

As in a fire, wear self-contained breathing apparatus (positive), MSHA / NIOSH (approved or equivalent) and full protective gear.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid / minimise the creation of airborne dust. In the event of high dust levels, use approved respiratory protective equipment (see Section 8).

6.2 Environmental precautions

Do not release collected dust to drains or waterways (see Section 13 for Disposal considerations).

6.3 Methods and material for containment and cleaning up

Prevent excessive dust generation and use dust sheets before cutting to capture any dust generated. If dust does accumulate use vacuum cleaner or dampen with water spray prior to sweeping up.

6.4 Reference to other sections

See Section 8 for PPE.

See Section 13 for disposal considerations.

7 Handling and storage

7.1 Precautions for safe handling

As with all cutting procedures it is recommended that a disposable dust mask be worn. Where dust is generated through mechanical cutting in confined spaces, it is recommended that extraction be used. If dust generation persists over a sustained period in an enclosed space, the level of dust should be monitored at least every 2 hours.

7.2 Conditions for safe storage, including any incompatibilities

Store in original packing in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat. Keep product protected from the elements. Ensure stability of stack and provide adequate aisle space for access between stacks.

8 Exposure controls / personal protection

8.1 Exposure guidelines

Total dust:	10 mg / m ³
Respirable dust:	4 mg / m ³
Respirable MMMF fibre:	2 f / cm ³
Engineering controls:	Provide local exhaust and / or general ventilation to maintain exposure below regulatory and recommended limits. Dust collection system must be used in transferring operations, cutting or other dust generating processes, such as using power tools. Vacuum clean-up methods should be used.

8.2 Individual protection measures, such as personal protective equipment

Eye / face protection:	Wear safety glasses with side shields (or goggles).
Skin and body protection:	Wear protective gloves. Wear long sleeved shirt and long trousers.
Respiratory protection:	When workers are facing airborne particulates / dust concentrations above the exposure limits, they must use an appropriate certified respirator. A properly fitted disposable P2 type dust respirator or better is recommended.
General hygiene considerations:	Wash hands before breaks and immediately after handling products. Remove and wash contaminated clothing before re-use.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid.
Appearance:	Fibrous.
Odour:	Low odour.
Colour:	Greyish-green.
Water solubility:	Insoluble in water.

10 Stability and reactivity

10.1 Chemical stability

Stable.

10.2 Possibility of hazardous reactions

Not reactive.

10.3 Hazardous decomposition products

None known based on information supplied.

11 Toxicological information

11.1 Product information

Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation and sneezing. High exposures may cause difficulty breathing, congestion and chest tightness.

11.2 IARC (International Agency for Research on Cancer)

In October 2001, the International Agency for Research on CANCER (IARC) classified mineral wool (insulation glass wool, rock(stone) wool and slag wool) as Group 3, "not classifiable as to its carcinogenicity to humans." The 2001 decision was based on human studies and animal research that have not shown an association between inhalation exposure to dust from mineral wool and the development of respiratory disease.

12 Ecological information

This product is not expected to be hazardous for the environment.

13 Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14 Transport information

Read this section in conjunction with Section 7.

Ensure security of load and where necessary sheeting / roping should be used.

It is recommended that mechanical lifting equipment is used when moving bulk quantities.

15 Regulatory information

15.1 International inventories

This product is classified as an article. Articles are exempt from registration or listing under chemical inventories like TSCA (USA), DSL / NDSL (CAN), REACH (EU), ENCS (JP), IECSC (CN), KECL (KR), PICCS (PH), AICS (AUS).

15.2 European regulation

- This product is classified as an article. See section 2.
- This product contains no REACH substances with Annex XVII restrictions.
- This product contains no REACH candidate substances.
- This product contains no REACH Annex XIV substances.

16 Other information

The information contained here is offered in good faith and is based on our current knowledge.

We thereby maintain the right to update and amend this document as necessary.

The information should not be taken as a guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application. Please refer to Sections 7 and 8 for safe handling and appropriate safety measures.

Users should visit the Kingspan Insulation website or contact the Kingspan Insulation Technical Service Department to ensure information is current.

This data sheet does not constitute a workplace assessment. The information provided represents the state of our knowledge regarding this material at the date of its publication. The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

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To access pre-existing product information or information relating to previously sold/discontinued products please email literature@kingspaninsulation.co.uk.

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