

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Article 31

ISO No. 5792

Version 1

Date prepared: May 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Mineral Wool Insulation
Identification of the product: Product Name: High Density Mineral Wool / Mono Density Mineral Wool
Product Code: KDD/**MM/HIGHDENSITY or KDD/**MM/MONODENSITY

1.2 Relevant identified uses of the substance, mixture or article and uses advised against

Use: Thermal and/or acoustic insulation for use in technical applications, industrial applications and in building construction.

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical Hazards: Not classified.
Health Hazards: Not classified.
Environmental Hazards: Not classified.

2.2 Label elements

Hazard statements: Not classified.

The following sentences and pictograms are printed on packaging

The mechanical effect of fibres in contact with skin may cause temporary itching.



2.3 Other hazards

Not applicable

SECTION 3 Composition/information on ingredients

Mixtures

| Substance Name | CAS No | EC No | Contents by Weight % | Index Number (REGULATION (EC) No 1272/2008) | Classification (REGULATION (EC) No 1272/2008) | Classification (Other) |
|--|--------|-----------|----------------------|---|---|------------------------|
| Rock Mineral Wool | - | 926-099-9 | 96-100% | 01-2119472313-44-XXXX | Not classified | - |
| Thermo set, inert polymer based on cured phenol formaldehyde resin | - | - | <4% | - | Not classified | - |

The full text for all hazard statements is displayed in Section 16.

Ingredient notes: (1) 926-099-9 - Man made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight meeting the requirements of Note Q of regulation n° 1272/2008 and therefore not classified carcinogenicity.

Other information: Possible facing materials: glass veil, or polyester mat or aluminium or Kraft paper, wired mats.

SECTION 4 First aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure. Rinse the throat and clear dust from airways.
Ingestion: Drink plenty of water if accidentally ingested.
Skin contact: If mechanical irritation occurs, remove contaminated clothing and wash skin gently with cold water and soap.
Eye Contact: Rinse abundantly with water for at least 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed

General Information: The mechanical effect of coarse fibres in contact with skin, airways and eyes may cause temporary itching.

4.3 Indication of any immediate medical attention and special treatment needed

General Information: If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Water, foam, carbon dioxide (CO₂), and dry powder.

5.2 Special hazards arising from the substance or mixture

General information: Products do not pose a fire hazard in use; however, some packaging materials or facings may be combustible. Products of combustion from product and packaging - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances.

5.3 Advice for fire-fighters

General information: In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.

6.2 Environmental precautions

Not relevant.

6.3 Methods and material for containment and cleaning up

Methods for cleaning Vacuum cleaner or dampen down with water spray prior to brushing up.

6.4 Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Usage precautions: No specific measures. Cut using a knife, do not use a saw or use power tools. Avoid unnecessary handling of unwrapped product. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Incompatible materials: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

7.3 Specific end use(s)

Thermal and/or acoustic insulation for use in technical applications, industrial applications and in building construction.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: Rock Mineral Wool

Long-term exposure limit (8-hour TWA): WEL 2 fibres/ml 5 mg/m³ Machine-made mineral fibre (except for refractory ceramic fibres and special purpose fibres)
WEL = Workplace Exposure Limit.

None at European level, refer to member state guidelines and legislation.

8.2 Exposure controls

Appropriate engineering controls: No specific measures.

Eye/face protection: Use goggles especially if working above shoulders. Eye protection according to EN 166 is advised.

Hand protection: Use gloves to avoid itching in conformity with EN 388.

Other skin and body protection: Cover exposed skin.

Hygiene measures: After contact, wash hands with cold water and soap.

Respiratory protection: Wearing a face mask type in accordance with EN 149 FFP1 is recommended when using products in confined atmosphere or during operations which can generate emission of any dust.

SECTION 9 Physical and chemical properties

Appearance: Solid. Roll or panel.

Colour: Ochre

Odour: Not relevant

Odour threshold: No data available

pH value: Not relevant

Melting point: > 1000 °C according to DIN 4102-17.

Initial boiling point and range: Not relevant

Flash point: Not relevant

Evaporation rate: Not relevant

Flammability (solid, gas): Not relevant

Upper/lower flammability or explosive limits: Not relevant

Vapour pressure: Not relevant

Vapour density: Not relevant

Solubility(ies): Generally chemically inert and slightly soluble in water.

Auto-ignition temperature: Not relevant

Decomposition Temperature: Not relevant

Viscosity: Not relevant

Explosive properties: Not relevant

Oxidising properties: Not relevant

9.2 Other information

Nominal diameter of fibres: <5 µm

Length weight geometric mean diameter less 2 standard errors: <6 µm

Orientation of fibres: Random

SECTION 10 Stability and reactivity

10.1 Reactivity None

10.2 Chemical stability Binder will decompose above 200°C.

10.3 Possibility of hazardous reactions None in normal conditions of use.

10.4 Conditions to avoid Heating above 200 °C.

10.5 Incompatible materials None

10.6 Hazardous decomposition products None in normal conditions of use. Decomposition of binder above 200°C may produce carbon dioxide and some trace gases. The duration of release is dependant upon the thickness of the insulation, binder content and the temperature applied.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The mechanical effect of coarse fibres in contact with skin, airways and eyes may cause temporary itching.

SECTION 12 Ecological information

12.1 Toxicity This product is not ecotoxic to air, water or soil, by composition.

12.2 Persistence and degradability Inert inorganic product with Thermo set, inert polymer based on cured phenol formaldehyde resins; < 4%

12.3 Bioaccumulative potential Will not bioaccumulate.

12.4 Mobility in soil Not considered mobile. Less than 1% leachable organic carbon if landfilled.

12.5 Results of PBT & vPvB assessment Not relevant.

12.6 Other adverse effects None known.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

General information: Non-hazardous waste [17 06 04] - The waste code is only applicable for waste product that has not been contaminated. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Disposal methods: Dispose of in accordance with regulations and procedures in force in country of use or disposal.

SECTION 14 Transport information

| | | |
|--|-----------------|--|
| | General: | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| 14.1 UN number | | Not applicable |
| 14.2 UN proper shipping name | | Not applicable |
| 14.3 Transport hazard class(es) | | No transport warning sign required. |
| 14.4 Packaging group | | Not applicable |
| 14.5 Environmental hazards | | No |
| 14.6 Special precautions for user | | Not applicable |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | | Not applicable |

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
The European Regulation on Chemicals No 1907/2006, Registration, Evaluation, Authorisation of Chemicals (REACH) enacted on June 1st 2007 requires the provision of Safety Data Sheet (SDS) for hazardous substances and mixtures / preparations.
Insulation mineral wool products (panels, batts or rolls), are defined as articles under REACH and therefore a Safety Data Sheet for these products is not a legal requirement.
In accordance with industry practice and voluntary commitments, the supplier has decided to continue to provide its customers with the appropriate information for the purpose of assuring safe handling and use of mineral wool throughout the product life.

15.2 Chemical Safety Assessment

Not applicable for the articles.

SECTION 16 Other information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
PBT: Persistent, Bioaccumulative and Toxic substance.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
UN: United Nations.
vPvB: Very Persistent and Very Bioaccumulative.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

SPS Envirowall Ltd nor any other subsidiary of the Benx Group will be held accountable for any damage resulting from handling or from contact with the above product. This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.