



Engineered Solutions since 1911

SAFETY DATA SHEET

Product : #59201: FIBERGLASS INSULATION BLANKET

Date Prepared : June 16th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier : #59201: FIBERGLASS INSULATION BLANKET
Other name / Synonym :
Company Information : Robco Inc.
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7
Telephone : 514-367-2252
Email : info@robco.com
Website : www.robco.com

Section 2 - Hazards identification

Classification of the substance or mixture:
GHS/CLP CE No1272/2008 The product is not classified.

Label elements: None.

The following sentences and pictograms are printed on packaging:

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

Other hazards, Specific hazards: Not applicable

Section 3 - Composition/information on ingredients

GHS/CLP CE No1272/2008

%	CAS -No	EC No	REACH Reg No	Chemical Name	Hazard Classification	Note
90 – 1 00	-	926-099-9	-	Mineral Wool	-	(1), (2)
0 - 10	-		-	Thermo set, inert polymer bonding agent derived from plant starche	-	(1)

Notes:

(1) 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.

(2) CAS-No.: Chemical Abstract ServicePossible facing materials: glass veil, or polyester mat or aluminium or Kraft paper, wired mats

Section 4 - First aid measures

Description of first aid measures

Inhalation: Remove from exposure. Rinse the throat and clear dust from airways.

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.

Ingestion: Drink plenty of water if accidentally ingested.

Most important symptoms and effects, both acute and delayed:

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

Indication of any immediate medical attention and special treatment needed:

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

Section 5 - Firefighting measures

Extinguishing media: Water, foam, carbon dioxide (CO₂), and dry powder

Special hazards arising from the substance or mixture :

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.

Advice for firefighters: In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required

Section 6 - 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: Not relevant

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

Reference to other sections: For personal protection, see section 8. For waste disposal, see section 13

Section 7 - Handling and storage**Precautions for safe handling**

Safe handling advice: Avoid unnecessary handling of unwrapped product.

Technical measures: No specific measures. Cut using a knife, do not use a saw or use power tools.

Technical precautions: Provide adequate ventilation

Conditions for safe storage, including any incompatibilities

Storage conditions: To ensure optimum product performance; when packaging is removed or opened; products should be stored inside or covered to protect them from ingress of rain water or snow. Storage arrangements should ensure stability of stacked products and use on a first in first out basis (FIFO) is recommended. No incompatible groups noted. Delivered packed in polyethylene film and or on wooden pallets

Specific use(s): Not relevant

Section 8 - Exposure controls/personal protection

Exposure limits: None at European level, refer to member state guidelines and legislation
Control parameters

Occupational exposure limits:

CAS -No	Chemical Name	As	Exposure Limits	Type	Notes	References
-	Machine-made mineral fibre (except for refractory ceramic fibres and special purpose fibres)	-	2 fibres/ml 5 mg/m ³	TWA	-	EH40

Exposure controls

Engineering measures: No specific measures.

Respiratory equipment: 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.

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

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

Skin protection: Cover exposed skin.

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

Section 9 - Physical and chemical properties**Information on basic physical and chemical properties**

Appearance:	Solid.
Form:	Roll or panel.
Colour:	Ochre.
Odour:	Not relevant.
pH:	Not relevant.
Boiling point:	Not relevant.
Flash point:	Not relevant.
Flammability (solid, gas):	Not relevant.
Explosion limits:	Not relevant.
Relative density:	30 - 250 kg/m ³
Solubility:	Generally chemically inert and insoluble in water

Other information

Fibre melting point: < 1000 °C according to DIN 4102-17.

Nominal diameter of fibres. < 5 µm

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

Orientation of fibres: Random

Section 10 - Stability and reactivity

Reactivity: None

Stability: Binder will decompose above 200°C

Hazardous Reactions: None in normal conditions of use
Conditions/materials to avoid: Heating above 200 °C.

Incompatible materials: None
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

Information on toxicological effects:
The mechanical effect of fibres in contact with skin may cause temporary itching.
Classification not applicable for this product; in accordance with European Regulation 1272/2008, note Q

Section 12 - Ecological information

Ecotoxicity: This product is not ecotoxic to air, water or soil, by composition

Degradability: Inert inorganic product with Thermoset, polymer bonding agent derived from plant starches; 0 - 10%

Bioaccumulative potential: Will not bio-accumulate

Mobility: Not considered mobile. Less than 1% leachable organic carbon if landfilled

PBT/vPvB: Not relevant

Other adverse effects: None known

Section 13 - Disposal considerations

Waste treatment methods

Waste from residues: Dispose of in accordance with regulations and procedures in force in country of use or disposal.

Contaminated packaging: Dispose of in accordance with regulations and procedures in force in country of use or disposal.

EWC-code: 17 06 04, Non-hazardous substance

Section 14 - Transport information

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

UN-No: -
Proper Shipping Name: -
Class: -
Packing group: -
Marine pollutant: -

Environmentally Hazardous substance: -
Special precautions: None known.
Transport in bulk: Not relevant

Section 15 - Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

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.

Knauf 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, Knauf Insulation 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.

This material Safety Data Sheet / Product Data Sheet is in accordance with the EU directives 1907/2006, 1272/2008 and 453/2010

CSA status: Not relevant.

Section 16 - Other information

All products manufactured by Knauf Insulation are made of non-classified fibres and are certified by EUCEB.

EUCEB, European Certification Board of Mineral Wool Products - www.euceb.org, is a voluntary initiative by the mineral wool industry. It is an independent certification authority that guarantees that products are made of fibres, which comply with the exoneration criteria for carcinogenicity (Note Q) of the Regulation (EC) 1272/2008.

The mineral wool producers commit to EUCEB to:

- supply sampling and analysis reports established by laboratories recognized by EUCEB, proving that the fibres comply with one of the four criteria of exoneration described in Note Q,
- be controlled, twice per year, of each production unit by an independent third party recognized by EUCEB (sampling and conformity to the initial chemical composition),
- put in place procedures of internal self-control in each production unit.

Products meeting EUCEB certification requirements can be recognised by the EUCEB logo printed on the packaging.

Further information can be obtained from: www.euceb.org www.knaufinsulation.com

Product Families:

Technical Insulation Products (TI): Wired Mats ± Galvanised Steel, Wired Mats



Engineered Solutions since 1911

SAFETY DATA SHEET

± Stainless Steel, High Temperature Boards, High Temperature Products, Standard Lamella Mats, High Compressive Strength Lamella Mats, Standard Duct Boards, Duct Rolls, Marine, Miscellaneous TI, Blocks, Tank Wall Boards, Tank Roof Boards, Pipe sections -Cut-From-Block, Pipe sections – Wound

Additional information: New document format Date: 07.12.2015 Moreover, in 2001, the IARC, reclassified mineral wool fibres from Group 2B (possibly carcinogenic) to «not classifiable as to their carcinogenicity to humans (Group 3)». (See Monograph Vol 81, <http://monographs.iarc.fr/>)

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 guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.