

INSULMOULD 1100

In accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product identifier

Commercial Product Name : **INSULMOULD 1100**

Relevant identified uses of the substance or mixture and uses advised against

Main use category : Professional use

Specific use(s):

Construction Trade names : **Insulmould® 1100**

Identification of the suppliers

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EU) 1272/2008

Mixture:

CLP classification not requested

Classification according to EU Directives 67/548/EC or 1999/45/EC

Classification:

The product is non-dangerous in accordance with Directive 1999/45/EC.

Not classified

Label elements

Labelling according to Regulation (EU) 1272/2008

Mixture: CLP classification not requested

Labelling according to Directives (67/548 - 1999/45)

Not applicable.

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Form: A1-064

Effective: 11022020/ra

Supersedes: 29032017/an

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Other hazards

Other hazards which do not result in classification:

Results of PBT and vPvB assessment

This information is not available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	PRODUCT IDENTIFIER	%	Classification according to Directive 67/548/EEC
Alkaline earth silicate fibres	(CAS No) 436 083 99 7 (EC No) – EC Index) -		Not classified
SUBSTANCE NAME	PRODUCT IDENTIFIER	%	Classification according to Regulation (EC) No. 172/2008 CLP
Alkaline earth silicate fibres	(CAS No) 436 083 99 7 (EC No) – EC Index) -		Not classified

Full text of R-, H- and EUH-phrases: See section 16.

Identification of the mixture : Manufacture of man-made fibres

SiO₂ (65-68%) + MgO (<6%) + CaO (25-30%)

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	:	Keep at rest. Move to fresh air. If symptoms persist, call a physician.
Skin contact	:	Wash off with soap and water. Consult a physician if necessary.
Eye contact	:	Rinse with water. Consult a physician if necessary.
Ingestion	:	If you feel unwell, seek medical advice.
Additional advice	:	When symptoms persist or in all cases of doubt seek medical advice. Treat symptomatically.

Most important symptoms and effects, both acute and delayed

Inhalation	:	Health injuries are not known or expected under normal use. Moderate respiratory irritant .
Skin contact	:	Health injuries are not known or expected under normal use. May cause moderate irritation. Skin contact may provoke the following symptoms: Itching, Redness . (Mechanical irritation).

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Eye contact : Health injuries are not known or expected under normal use.
Mechanical irritation of the eyes is possible.

Ingestion : Health injuries are not known or expected under normal use.

Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray or alcohol resistant foam.

Extinguishing media which shall not be used for safety reasons:

High volume water jet .

Special hazards arising from the substance or mixture

Fire Hazard : Not combustible.

Specific hazards : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Advice for firefighters

Special protective equipment for firefighters.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel : Ensure adequate ventilation.
Wear personal protective equipment.
See also section 8.
Avoid contact with skin and eyes.
Do not breathe dust.

Advice for emergency responders : Only qualified personnel equipped with suitable protective equipment may intervene.

Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).

Reference to other sections

See also section 13.
See also section 8.

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7. HANDLING AND STORAGE

Precautions for safe handling

- Handling : Ensure adequate ventilation.
Avoid dust formation.
Do not breathe dust.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

- Storage : Keep in a dry and well-ventilated place.
Protect against water.
Regularly check for damage to packaging .
Avoid dust formation.
- Packaging material : Store in original container.

Specific end use(s)

No data available.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters

Exposure limit(s) : Mineral Wool, TLV/TWA (f/ml): 0,5 (DE); 1,0 (FR); 2,0 (GB)

Exposure controls

Personal protective equipment:

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

In the case of respirable dust and/or fumes, use self-contained breathing apparatus. (EN 137)

Hand protection:

Protective gloves . The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection:

Safety glasses with side-shields conforming to EN166.

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Skin and body protection:

Overalls, apron and boots recommended.

Thermal hazard protection:

Not required under normal use.

Engineering measures:

Provide sufficient air exchange and/or exhaust in work rooms.

Avoid dust formation.

Regular cleaning of equipment, work area and clothing.

Organisational measures to prevent /limit releases, dispersion and exposure:

See also section 7 .

Environmental exposure controls:

Do not flush into surface water or sanitary sewer system.

Comply with applicable Community environmental protection legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	:	Solid form
Colour	:	White
Odour	:	Odourless
Odour threshold (ppm):	:	None.
pH	:	Not applicable
Melting point/range	:	> 1330 °C
Flammability (solid, gas):	:	Non-flammable.
Water solubility	:	Insoluble
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable

Other information

Other data	:	No data available
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10. STABILITY AND REACTIVITY

Reactivity

Reactivity: See also section 10.5

Chemical stability

Stability: Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions: None known.

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Conditions to avoid

Conditions to avoid: To avoid thermal decomposition, do not overheat. (>900°C)
See also section 7: Handling and storage.

Incompatible materials

Incompatible materials: No data available

Hazardous decomposition products

Hazardous decomposition products: Burning produces irritant fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Irritation:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

pH:

Not applicable

Corrosivity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

pH:

Not applicable

Sensitisation:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Repeated dose toxicity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Carcinogenicity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Mutagenicity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Reproductive toxicity:

Not classified (Not classified due to data which are conclusive although insufficient for classification.)

Further information:

Symptoms related to the physical, chemical and toxicological characteristics.
See section 4, most important symptoms and effects.

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12. ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity effects : Ecological injuries are not known or expected under normal use.

Persistence and degradability

Persistence and degradability : not determined

Bioaccumulative potential

Bioaccumulation : not determined

Mobility in soil

Mobility : This information is not available.

Results of PBT and vPvB assessment

PBT/vPvB : This information is not available.

Other adverse effects

Further information : no data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues / unused products:

Dispose of in accordance with the European Directives on waste and hazardous waste.

Can be landfilled, when in compliance with local regulations.

Contaminated packaging:

In accordance with local and national regulations.

Codes of waste (2001/573/EC, 75/442/EEC, 91/689/EEC):

Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

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

EU-Regulations

Authorisations/Restrictions on use : Not applicable.

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This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC. : None.

National regulations

DE: WGK : Not listed

Chemical safety assessment

Chemical Safety Assessment : Not required

16. OTHER INFORMATION

Sources of key data used to compile the datasheet:

European Chemicals Bureau, MSDS supplier

Abbreviations and acronyms:

ADN	=	Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
ADR	=	Accord européen relatif au transport international des marchandises Dangereuses par Route
CLP	=	Classification, Labelling and Packaging Regulation according to 1272/2008/EC
IATA	=	International Air Transport Association
IMDG	=	International Maritime Dangerous Goods Code
LEL	=	Lower Explosive Limit/Lower Explosion Limit
UEL	=	Upper Explosion Limit/Upper Explosive Limit
REACH	=	Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV	=	Threshold limits
TWA	=	time weighted average persistent, bioaccumulating and toxic (PBT).
vPvB	=	very persistent and very bioaccumulating
WGK	=	Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

NOTICE

The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data sheet. However no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information. Nor is any authorisation given or implied to practice any patented invention without a licence. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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