

INSULMOULD 1100

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP] Labelling according to Regulation (EC)
No. 1272/2008 [CLP]

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1. Product identifier

Product form : Mixture
Trade name : Insulmould® 1100
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Construction

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the data sheet

Identification of the company

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1.4. Emergency telephone number

Emergency number: +31(0)167-565750 Only available during office hours.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Not classified

2.2. Label elements

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

Not applicable.

2.3 Other hazards

Other hazards: Results of PBT and vPvB assessment : . Not applicable. Risk of dust explosion.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

SUBSTANCE NAME	PRODUCT IDENTIFIER	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alkaline earth silicate fibres	(CAS No) 436 083 99 7 (EC No) – 610-130-5 EC Index) -	<100	Not classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

Additional advice	First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.
Skin contact	Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.
Eyes contact	Rinse immediately carefully and thoroughly with eye-bath or water. In case of doubt or persistent symptoms, consult always a physician.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	:	Moderate respiratory irritant .
Skin contact	:	May cause moderate irritation. The following symptoms may occur: Itching. Mechanical irritation). Erythema(redness).
Eyes contact	:	Mechanical irritation of the eyes is possible.
Ingestion	:	Health inuureis are not known or expected under normal use.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media: Strong water jet.

5.2 Special hazards arising from the substance or mixture

Fire Hazard : Not combustible.
Specific hazards : Not flammable. Risk of dust explosion.
Hazardous decomposition products in case of fire: Silicon oxides. Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3 Advice for firefighters

Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment. Avoid dust formation. Knock down/dilute dust cloud with water spray.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.
Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel :Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment. Use only non-sparking tools.

6.1.2 For emergency responders :Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2 Environmental precautions

Environmental precautions : Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up the solid spill. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Avoid dust formation. Knock down/dilute dust cloud with water spray.

6.4 Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools.

Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect against water. Avoid dust formation.

Incompatible materials : No information available

Maximum storage duration : 6 months

Storage temperature : 5-20 °C

Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Special rules on packaging : Regularly check for damage to packaging.

Packaging materials : Keep only in the original container.

7.3 Specific end use(s)

Reference to other sections : 1.2.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

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

8.2 Exposure controls

Engineering measure(s)	Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling. Apply measures to prevent dust explosions. Ensure equipment is adequately earthed.
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.
Hand protection	Wear chemically resistant gloves (tested to EN374) . Suitable material: Nitrile rubber. Thickness : $\geq 0,3$ mm. Breakthrough time : $\geq 480'$. Breakthrough time : refer to the recommendations of the supplier. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Eye protection	Use suitable eye protection (EN166): Safety glasses with side shields
Body protection	Overalls, apron and boots recommended.
Respiratory protection	Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: P/FFP2 (EN 143)
Thermal hazard protection	Not required for normal conditions of use.
Environmental exposure controls	Avoid release to the environment. Comply with applicable Community environmental protection legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical stat	:	Solid form
Appearance	:	Paste
Colour	:	White
Odour	:	Odourless
Odour threshold (ppm)	:	None.
pH	:	Not applicable
pH solution	:	Not applicable
Relative evaporation rate (butylacetate=1):		No data available

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Melting point/range	:	> 1330 °C
Flammability (solid, gas):	:	Non-flammable
Vapour pressure	:	No data available
Vapour density	:	No data available
Relative density	:	No data available
Water solubility	:	Insoluble
Partition coefficient n-octanol/water	:	No data available
Kinematic viscosity	:	No data available
Dynamic viscosity	:	No data available
Explosive properties	:	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidizing properties	:	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	:	Not explosive
Particle size	:	Not available
Particle size distribution	:	Not available
Particle shape	:	Not available
Particle aspect ratio	:	Not available
Particle aggregation state	:	Not available
Particle agglomeration state	:	Not available
Particle specific surface area	:	Not available
Particle dustiness	:	Not available

9.2 Other information

9.2.1. Information with regard to physical hazard classes

No additional data available

9.2.2. Other safety characteristics

No additional information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

None under normal conditions. Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. To avoid thermal decomposition, do not overheat. (> 900°C). Protect against water. See Section 7 for information on safe handling.

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10.5. Incompatible materials

No information available. See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Reference to other sections 5.2.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Serious eye damage/irritation	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Respiratory or skin sensitisation	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	Not classified (Based on available data, the classification criteria are not met)
Other information	Symptoms related to the physical, chemical and toxicological characteristics. Reference to other sections 4.2.
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties :

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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11.2.2 Other information

Other information:

Symptoms related to the physical, chemical and toxicological characteristics, Reference to other sections 4.2

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Environmental properties	Ecological injuries are not known or expected under normal use.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

12.2. Persistence and degradability

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Persistence and degradability	Not determined.
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

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Ecology - soil	This information is not available.
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	Not applicable
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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties:

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12.7. Other adverse effects

Additional information: No data available

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/Packaging disposal recommendations :

Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Can be landfilled, when in compliance with local regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (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

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

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14.6. Special precautions for user

Overland transport	: No data available
Transport by sea	: No data available
Air transport	: No data available
Inland waterway transport	: No data available
Rail transport	: No data available

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available

15. REGULATORY INFORMATION

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

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2 National Regulations

France

No ICPE

na

Germany

Regulatory reference

Hazardous Incident

Ordinance (12. BImSchV)

Netherlands

Waterbezwaarlijkheid

SZW-lijst van

kankerverwekkende stoffen

SZW-lijst van mutagene

stoffen

SZW-lijst van reprotoxische

stoffen – Borstvoeding

SZW-lijst van reprotoxische

stoffen – Vruchtbaarheid

SZW-lijst van reprotoxische

stoffen – Ontwikkeling

Installations classées

Désignation de la rubrique

Not Applicable

WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Is subject of the 12. BImSchV (Hazardous Incident Ordinance)

B (4) - Weinig schadelijk voor in het water levende organismen

None of the components are listed

None of the components are listed

None of the components are listed

None of the components are listed

None of the components are listed

Code Régime

na

Rayon

na

15.2 Chemical safety assessment

Chemical Safety Assessment : Not applicable

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16. OTHER INFORMATION

Indication of changes:

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)

Sources of key data used to compile the datasheet: ECHA (European Chemicals Agency). Supplier information

Training advice : Training staff on good practice.

Other information: Classification - Assessment method: CLP Calculation method (Article 9).

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.