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
UFI : Trade form

### 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**

**INSULCON B.V.**
The Netherlands
Tel. : +31 (0)167-565750
Zilverhoek 4, 4651 SP STEENBERGEN
www.insulcon.com / info@insulcon.com

**INSULCON N.V.**
Belgium
Tel. : + 32 (0)3 711.02.78

**INSULCON GMBH**
Germany
Tel.: +49 (0)2131-408548-0

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**
Not classified

**Adverse physicochemical, human health and environmental effects**
No additional information available

### 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 substance(s) are 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 at a concentration equal to or greater than 0,1 %





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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**3.1 Substances**
Not applicable

**3.2 Mixtures**

| SUBSTANCE NAME | PRODUCT IDENTIEFIER | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Alkaline earth silicate fibres | (CAS No) 436 083 99 7<br>(EC No) – 610-130-5 | <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 injuries are not known or expected under normal use. |

**4.3 Indication of any immediate medical attention and special treatment needed**
Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing media**
Suitable extinguishing media : carbon dioxide ($CO_2$), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media : Strong water jet.


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**5.2 Special hazards arising from the substance or mixture**

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.

**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.

LEADER IN HIGH TEMPERATURE SOLUTIONS

SAFETY DATASHEET


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## 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 feeding stuffs. 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.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1.Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available





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**8.1.3. Air contaminants formed**

No additional information available

**8.1.4. DNEL and PNEC**

Mineral Wool, TLV/TWA (f/ml)

**8.1.5. Control banding**

No additional information available

**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 : >= 0,3 mm. Breakthrough time : >= 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. |
| Melting point/range | : | > 1330 °C |
| Freezing point | : | Not available |
| Flammability | : | Non-flammable |
| 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. |




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| | | |
|---|---|---|
| Oxidising 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. |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |
| Flash point | : | Not applicable |
| Auto-ignition temperature: | | Not applicable |
| Decomposition temperature: | | Not applicable |
| pH | : | Not applicable |
| pH solution | : | Not applicable |
| Kinematic viscosity | : | Not applicable |
| Viscosity | : | Water: insoluble |
| Partition coefficient n-octanol/water(Log/Kow): | | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C: | | Not available |
| Density | : | Not available |
| Relative density | : | Not available |
| Vapour density | : | Not applicable |
| Particle size | : | 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.

**10.5. Incompatible materials**

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




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**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 (dermal) | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | 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 arenot 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-single exposure | 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) |

**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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

**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. |



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| | |
|---|---|
| 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**

| | |
|---|---|
| Persistence and degradability | Not determined. |

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

| | |
|---|---|
| Ecology - soil | This information is not available. |

**12.5. Results of PBT and vPvB assessment**

| | |
|---|---|
| Results of PBT assessment | Not applicable |

**12.6. Endocrine disrupting properties**

Adverse effects on the environment 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 at a concentration equal to or greater than 0,1 %.

**12.7. Other adverse effects**

Additional information: No data available

## 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.





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## 14. TRANSPORT INFORMATION

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number ot ID 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

**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**

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**





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Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**Detergent Regulation (648/2004/EC): Labelling of contents**

**15.1.2 National Regulations**

**Installations classées**

| No ICPE | Désignation de la rubrique | Code Régime | Rayon |
|---|---|---|---|
| na | Not Applicable | na | na |

**Germany**

| | | |
|---|---|---|
| Water hazard class (WGK) | : | WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1). |
| Major Accidents Ordinance (12. BImSchV) | : | Is not subject to the Major Accidents Ordinance (12. BImSchV) |

**Netherlands**

| | |
|---|---|
| Waterbezwaarlijkheid | : B (4) - Weinig schadelijk voor in het water levende organismen |
| SZW-lijst van kankerverwekkende stoffen | : None of the components are listed |
| SZW-lijst van mutagene stoffen | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : None of the components are listed |

**15.2.**

Chemical safety assessment : Not applicable




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## 16. OTHER INFORMATION

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).

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