

# INSULMOULD® 1260

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 : Mixtures  
Trade name/designation : **Insulmould® 1260**

### 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 : Coating Sealants

#### 1.2.2. Uses advised against

No additional information available

### Identification of the suppliers

#### INSULCON B.V.

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The Netherlands  
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Website: [www.insulcon.com](http://www.insulcon.com)  
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#### INSULCON N.V.

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Belgium

#### INSULCON GMBH

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

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU > 2015:  
According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)  
Carc. 1B - H350i  
Full text of H- and EUH-statements: see section 16

### 2.2. Label elements

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

Hazard pictograms (CLP)

Hazardous ingredients : Alumino silicate fibres

Signal word : Danger

Hazard statements (CLP) : H350i - May cause cancer by inhalation.

Precautionary statements (CLP): P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear eye protection, protective gloves, Respiratory protection.

P308+P313 - IF exposed or concerned: Get medical advice, medical attention. P405 - Store locked up. P501 - Dispose of contents and container to an approved waste disposal plant.



GHS08

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Extra phrases : Restricted to professional users

## 2.3. Other hazards

### Other hazards

Results of PBT and vPvB assessment:

Not applicable. Risk of dust explosion.

Component	
alumino silicate fibres (142844-00-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
ethanediol; ethylene glycol (107-21-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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.

## 3. COMPOSITION / INFORMATION OF INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Full text of H-statements: see section 16

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alumino silicate fibres substance listed as REACH Candidate (Refractory Ceramic Fibres)	(CAS No) 142 844-00-6 (EC no) 266-046-0 (EC Index) 650-017-00-8	45 - 50	Carc. 1B, H350i
ethanediol; ethylene glycol substance with a Community workplace exposure limit	(CAS No) 107-21-1 (EC no) 203-473-3 (EC Index) 603-027-00-1 (REACH-no) 01-2119456816-28-xxxx	< 1	Acute Tox. 4 (Oral), H302 STOT RE 2, H373

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#### 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. Get medical advice/attention.

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:

Drink plenty of water. Rinse mouth thoroughly with water. Get medical advice/attention.

##### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation:

May cause cancer by inhalation. Inhalation of dust may cause irritation of the respiratory system.

Skin contact:

May cause skin irritation. Contact with dust may cause mechanical irritation or drying of the skin.

Eyes contact:

Dust may cause painful eye irritation and tearing.

Ingestion:

Ingestion unlikely. Gastrointestinal complaints.

##### 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<sub>2</sub>), powder, alcohol-resistant foam, water spray.

**Unsuitable extinguishing media:**

Strong water jet.

**5.2. Special hazards arising from the substance or mixture****Specific hazards:**

Not flammable. Risk of dust explosion. Temperature of crystallization : 800- 900°C.

**Hazardous decomposition products in case of fire:**

Carbon oxides (CO, CO<sub>2</sub>). Silicon oxides.

**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.

<b>6. ACCIDENTAL RELEASE MEASURES</b>
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**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

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**

**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**

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.

## 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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:

Store locked up. Store in a dry, cool and well-ventilated place. Protect from moisture. 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.

#### 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

Ethanediol; ethylene glycol (107-21-1)		
EU	IOEL TWA	52 mg/m <sup>3</sup>
EU	IOEL TWA [ppm]	20 ppm
EU	IOEL STEL	104 mg/m <sup>3</sup>
EU	IOEL STEL [ppm]	40 ppm
EU	Notes	Possibility of significant uptake through the skin
Austria	MAK (OEL TWA)	26 mg/m <sup>3</sup>
Austria	MAK (OEL TWA) [ppm]	10 ppm
Austria	MAK (OEL STEL)	52 mg/m <sup>3</sup>
Austria	MAK (OEL STEL) [ppm]	20 ppm
Bulgaria	OEL TWA	52 mg/m <sup>3</sup>
Bulgaria	OEL TWA [ppm]	20 ppm
Bulgaria	OEL STEL	104 mg/m <sup>3</sup>
Bulgaria	OEL STEL [ppm]	40 ppm
Croatia	GVI (OEL TWA) [1]	52 mg/m <sup>3</sup>
Croatia	GVI (OEL TWA) [2]	20 ppm
Croatia	KGVI (OEL STEL)	104 mg/m <sup>3</sup>
Croatia	KGVI (OEL STEL) [ppm]	40 ppm
Cyprus	OEL TWA	52 mg/m <sup>3</sup>
Cyprus	OEL TWA [ppm]	20 ppm
Cyprus	OEL STEL	104 mg/m <sup>3</sup>
Cyprus	OEL STEL [ppm]	40 ppm
Czech Republic	PEL (OEL TWA)	50 mg/m <sup>3</sup>
Denmark	OEL TWA [1]	26 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> (atomized)
Denmark	OEL TWA [2]	10 ppm
Estonia	OEL TWA	52 mg/m <sup>3</sup> (total concentration of aerosol and vapor)
Estonia	OEL TWA [ppm]	20 ppm (total concentration of aerosol and vapor)
Estonia	OEL STEL	104 mg/m <sup>3</sup> (total concentration of aerosol and vapor)
Estonia	OEL STEL [ppm]	40 ppm (total concentration of aerosol and vapor)
Finland	HTP (OEL TWA) [1]	50 mg/m <sup>3</sup>
Finland	HTP (OEL TWA) [2]	20 ppm
Finland	HTP (OEL STEL)	100 mg/m <sup>3</sup>
Finland	HTP (OEL STEL) [ppm]	40 ppm

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<b>Ethanediol; ethylene glycol (107-21-1)</b>		
France	VME (OEL TWA)	52 mg/m <sup>3</sup> (indicative limit-vapor)
France	VME (OEL TWA) [ppm]	20 ppm (indicative limit-vapor)
France	VLE (OEL C/STEL)	104 mg/m <sup>3</sup> (indicative limit-vapor)
France	VLE (OEL C/STEL) [ppm]	40 ppm (indicative limit-vapor)
Germany	Occupational exposure limit value (mg/m <sup>3</sup> ) (TRGS900)	26 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm) (TRGS900)	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar	OEL TWA	52 mg/m <sup>3</sup>
Gibraltar	OEL TWA [ppm]	20 ppm
Gibraltar	OEL STEL	104 mg/m <sup>3</sup>
Gibraltar	OEL STEL [ppm]	40 ppm
Greece	OEL TWA	125 mg/m <sup>3</sup> (vapor)
Greece	OEL TWA [ppm]	50 ppm (vapor)
Greece	OEL STEL	125 mg/m <sup>3</sup> (vapor)
Greece	OEL STEL [ppm]	50 ppm (vapor)
Hungary	AK (OEL TWA)	52 mg/m <sup>3</sup>
Hungary	CK (OEL STEL)	104 mg/m <sup>3</sup>
Ireland	OEL TWA [1]	10 mg/m <sup>3</sup> (particulate) 52 mg/m <sup>3</sup> (vapour)
Ireland	OEL TWA [2]	20 ppm (vapour)
Ireland	OEL STEL	30 mg/m <sup>3</sup> (calculated-particulate) 104 mg/m <sup>3</sup> (vapour)
Ireland	OEL STEL [ppm]	40 ppm (vapour)
Italy	OEL TWA	52 mg/m <sup>3</sup>
Italy	OEL TWA [ppm]	20 ppm
Italy	OEL STEL	104 mg/m <sup>3</sup>
Italy	OEL STEL [ppm]	40 ppm
Latvia	OEL TWA	52 mg/m <sup>3</sup>
Latvia	OEL TWA [ppm]	20 ppm
Lithuania	IPRV (OEL TWA)	25 mg/m <sup>3</sup> (aerosol and vapor)
Lithuania	IPRV (OEL TWA) [ppm]	10 ppm (aerosol and vapor)
Lithuania	TPRV (OEL STEL)	50 mg/m <sup>3</sup> (aerosol and vapor)
Lithuania	TPRV (OEL STEL) [ppm]	20 ppm (aerosol and vapor)
Luxembourg	OEL TWA	52 mg/m <sup>3</sup>
Luxembourg	OEL TWA [ppm]	20 ppm
Luxembourg	OEL STEL	104 mg/m <sup>3</sup>
Luxembourg	OEL STEL [ppm]	40 ppm
Malta	OEL TWA	52 mg/m <sup>3</sup>
Malta	OEL TWA [ppm]	20 ppm
Malta	OEL STEL	104 mg/m <sup>3</sup>
Malta	OEL STEL [ppm]	40 ppm

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<b>Ethanediol; ethylene glycol (107-21-1)</b>		
Netherlands	MAC-TGG (OEL TWA)	52 mg/m <sup>3</sup> (fume) 10 mg/m <sup>3</sup> (droplets)
Netherlands	MAC-15 (OEL STEL)	104 mg/m <sup>3</sup>
Poland	NDS (OEL TWA)	15 mg/m <sup>3</sup>
Poland	NDSch (OEL STEL)	50 mg/m <sup>3</sup>
Portugal	OEL TWA	52 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL TWA [ppm]	20 ppm (indicative limit value)
Portugal	OEL STEL	104 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL STEL [ppm]	40 ppm (indicative limit value)
Portugal	OEL C	100 mg/m <sup>3</sup> (aerosol only)
Romania	OEL TWA	52 mg/m <sup>3</sup>
Romania	OEL TWA [ppm]	20 ppm
Romania	OEL STEL	104 mg/m <sup>3</sup>
Romania	OEL STEL [ppm]	40 ppm
Slovakia	NPHV (OEL TWA) [1]	52 mg/m <sup>3</sup>
Slovakia	NPHV (OEL TWA) [2]	20 ppm
Slovakia	NPHV (OEL C)	104 mg/m <sup>3</sup>
Slovenia	OEL TWA	52 mg/m <sup>3</sup>
Slovenia	OEL TWA [ppm]	20 ppm
Slovenia	OEL STEL	104 mg/m <sup>3</sup>
Slovenia	OEL STEL [ppm]	40 ppm
Spain	VLA-ED (OEL TWA) [1]	52 mg/m <sup>3</sup> (indicative limit value)
Spain	VLA-ED (OEL TWA) [2]	20 ppm (indicative limit value)
Spain	VLA-EC (OEL STEL)	104 mg/m <sup>3</sup>
Spain	VLA-EC (OEL STEL) [ppm]	40 ppm
Sweden	NGV (OEL TWA)	25 mg/m <sup>3</sup> (limit value applies to the combined concentration of vapor and aerosol-aerosol and vapor)
Sweden	NGV (OEL TWA) [ppm]	10 ppm (limit value applies to the combined concentration of vapor and aerosol-aerosol and vapor)
Sweden	KTV (OEL STEL)	104 mg/m <sup>3</sup> (limit value applies to the combined concentration of vapor and aerosol-aerosol and vapor)
Sweden	KTV (OEL STEL) [ppm]	40 ppm (limit value applies to the combined concentration of vapor and aerosol-aerosol and vapor)
United Kingdom	WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> (particulates) 52 mg/m <sup>3</sup> (vapour)
United Kingdom	WEL TWA (OEL TWA) [2]	20 ppm (vapour)
United Kingdom	WEL STEL (OEL STEL)	104 mg/m <sup>3</sup> (vapour) 30 mg/m <sup>3</sup> (calculated-particulate)
United Kingdom	WEL STEL (OEL STEL) [ppm]	40 ppm (vapour)

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Norway	Grenseverdi (OEL TWA) [1]	52 mg/m <sup>3</sup> (total sum of gas and particulate matter (aerosol) of the substance-aerosol)
Norway	Grenseverdi (OEL TWA) [2]	20 ppm (total sum of gas and particulate matter (aerosol) of the substance-aerosol)
Norway	Korttidsverdi (OEL STEL)	104 mg/m <sup>3</sup> (total sum of gas and particulate matter (aerosol) of the substance-aerosol)
Norway	Korttidsverdi (OEL STEL) [ppm]	40 ppm (total sum of gas and particulate matter (aerosol) of the substance-aerosol)
Switzerland	MAK (OEL TWA) [1]	26 mg/m <sup>3</sup> (aerosol, vapour)
Switzerland	MAK (OEL TWA) [2]	10 ppm (aerosol, vapour)
Switzerland	KZGW (OEL STEL)	52 mg/m <sup>3</sup> (aerosol, vapour)
Switzerland	KZGW (OEL STEL) [ppm]	20 ppm (aerosol, vapour)
Australia	OES TWA [1]	10 mg/m <sup>3</sup> (particulate) 52 mg/m <sup>3</sup> (vapour)
Australia	OES TWA [2]	20 ppm (vapour)
Australia	OES STEL	104 mg/m <sup>3</sup> (vapour)
Australia	OES STEL [ppm]	40 ppm (vapour)
Canada (Quebec)	Plafond (OEL Ceiling)	127 mg/m <sup>3</sup> (mist and vapour)
Canada (Quebec)	Plafond (OEL Ceiling) [ppm]	50 ppm (mist and vapour)
USA - ACGIH	ACGIH OEL TWA [ppm]	25 ppm (vapor fraction)
USA - ACGIH	ACGIH OEL STEL	10 mg/m <sup>3</sup> (inhalable particulate matter, aerosol only)
USA - ACGIH	ACGIH OEL STEL [ppm]	50 ppm (vapor fraction)

### Additional information

Recommended monitoring procedures: Personal air monitoring. Room air monitoring

### 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: Not determined. Thickness : Not determined. 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.

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## Eye protection:

Use suitable eye protection (EN 166): Safety glasses with side shields

## Body protection:

Wear suitable protective clothing. Overalls, apron and boots recommended.

## Respiratory protection:

Wear suitable respiratory protection. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: P3 (EN 143). When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

## Thermal hazard protection:

Not required for normal conditions of use. Use dedicated equipment.

## 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 state	:	Solid
Appearance	:	Paste
Colour	:	white.
Odour	:	odourless.
Odour threshold	:	No data available
pH	:	Not applicable
Relative evaporation rate (butylacetate=1)	:	No data available
Freezing point	:	No data available
Initial boiling point and boiling range	:	Not applicable
Flash point	:	The product is not flammable.
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	Not applicable
Vapour density	:	Not applicable
Relative density	:	No data available
Solubility	:	Water: Not applicable
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.

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.
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 information 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 under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent moisture contact. Avoid dust formation. See Section 7 for information on safe handling.

### 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 toxicological effects

Acute toxicity	:	Not classified (Based on available data, the classification criteria are not met)
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ethanediol; ethylene glycol (107-21-1)	
LD50/oral/rat	7712 mg/kg
LD50/dermal/rat	10600 mg/kg
LD50/dermal/rabbit	> 3500 mg/kg

**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:**

May cause cancer by inhalation

ethanediol; ethylene glycol (107-21-1)	
NOAEL (chronic, oral, animal/male, 2 years)	1000 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	1500 mg

**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)

**STOT-repeated exposure:**

Not classified (Based on available data, the classification criteria are not met)

ethanediol; ethylene glycol (107-21-1)	
NOAEL (oral, rat, 90 days)	220 200 mg/kg bodyweight/day OECD Guideline 407
NOAEL (dermal, rat/rabbit, 90 days)	2220 mg/kg bodyweight/day OECD 410

**Aspiration hazard:**

Not classified (Based on available data, the classification criteria are not met)

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Kinematic viscosity	Various

Other information:

Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties:

Not applicable

### 11.2.2 Other information

Other information:

Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Environmental properties:

According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

#### Hazardous to the aquatic environment, short-term (acute):

Not classified

#### Hazardous to the aquatic environment, long-term (chronic):

Not classified

Ethylene glycol (107-21-1)	
LC50 fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
NOEC (chronic)	15380 mg/l @ 7d Pimephales promelas

### 12.2. Persistence and degradability

Insulmould® 1260	
Persistence and degradability	No data is available on the product itself.

Ethylene glycol (107-21-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	90-100 % Experimental data

# INSULMOULD® 1260

## 12.3. Bioaccumulative potential

Insulmould® 1260	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No additional information available.

## Alumino silicate fibres (142 844-00-6)

Partition coefficient n-octanol/water	No data available
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## Ethylene glycol (107-21-1)

Partition coefficient n-octanol/water	-1,93
Bioaccumulative potential	Does not bioaccumulate.

## 12.4. Mobility in soil

Insulmould® 1260	
Mobility in soil	No data available

## ethanediol; ethylene glycol (107-21-1)

Mobility in soil	Not expected to adsorb on soil.
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## 12.5. Results of PBT and vPvB assessment ingredient

Results of PBT assessment	Not applicable
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Component	
alumino silicate fibres (142844-00-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
ethanediol; ethylene glycol (107-21-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Endocrine disrupting properties

**Adverse effects on the environment caused by endocrine disrupting properties:**

Not applicable

## 12.7. Other adverse effects

**Other adverse effects:**

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. 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):**

This material and its container must be disposed of as hazardous waste 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 / AND**

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
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

**14.6. Special precautions for user**

- Special precautions for user : No data available
- **Overland transport**
- Classification code (ADR) : Not applicable
- **Transport by sea**
- Transport regulation (IMDG) : not applicable
- **Air transport**
- Transport regulation (IATA) : not applicable
- **Inland waterway transport**
- Transport regulation (ADN) : not applicable
- **Rail transport**
- Transport regulation (RID) : not applicable

**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**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

28. Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.	alumino silicate fibres
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	ethanediol; ethylene glycol

Contains a substance on the REACH candidate list in concentration  $\geq 0.1\%$  or with a lower specific limit: Aluminosilicate Refractory Ceramic Fibres (EC 604-314-4, CAS 142844-00-6)  
 Contains no REACH Annex XIV substances.

**15.1.2. National regulations**

**France**

ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

**Germany**

Regulatory reference:

WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV):

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**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

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding:  
None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid:  
None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling:  
None of the components are listed

Denmark

Recommendations Danish Regulation:

Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### 15.2. Chemical safety assessment

Not applicable

**For the following substances of this mixture a chemical safety assessment has been carried out**

ethanediol; ethylene glycol

#### 16. OTHER INFORMATION

ABM = Algemene beoordelingsmethodiek

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

BTT = Breakthrough time (maximum wearing time)

DMEL = Derived Minimal Effect level

DNEL = Derived No Effect Level

EC50 = Median Effective Concentration

EL50 = Median effective level

ErC50 = EC50 in terms of reduction of growth rate

ErL50 = EL50 in terms of reduction of growth rate

EWC = European waste catalogue

LC50 = Median lethal concentration

LD50 = Median lethal dose

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LL50 = Median lethal level
NA = Not applicable
NOEC = No observed effect concentration
NOEL: no-observed-effect level
NOELR = No observed effect loading rate
NOAEC = No observed adverse effect concentration
NOAEL = No observed adverse effect level
N.O.S. = Not Otherwise Specified
OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
PNEC = Predicted No Effect Concentration
Quantitative structure-activity relationship (QSAR)
STOT = Specific Target Organ Toxicity
TWA = time weighted average
VOC = Volatile organic compounds
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. Manipulations are to be done only by qualified and authorised persons.

**Other information:**

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

**Full text of H- and EUH-statements:**

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Carc. 1B	Carcinogenicity (inhalation) Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H350i	May cause cancer by inhalation.
H373	May cause damage to organs through prolonged or repeated exposure.
	Restricted to professional users