

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
 Trade name/designation : FOAMGLAS® BOARDS, BLOCKS en PERINSUL®  
 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 : thermal insulation

**1.2.2. Uses advised against**

No data available

**1.3. Details of the supplier of the safety data sheet**

PCE-Pittsburgh Corning Europe  
 Albertkade 1  
 3980 TESSENDERLO - BELGIUM  
 T +32 (0)13 661 721 - F +32 (0)13 667 854  
[safetydepartment@pce.be](mailto:safetydepartment@pce.be) - [www.foamglas.com](http://www.foamglas.com)

**1.4. Emergency telephone number**

Emergency number : +32 (0)13 661 721  
 Only available during office hours.

Country	Official advisory body	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 18 37 99 64/+353 1 809 21 66
UNITED KINGDOM	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours, healthcare professionals only)

**SECTION 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 : PBT/vPvB data : Not applicable .

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glass, oxide, chemicals	(CAS No.) 65997-17-3 (EC No) 266-046-0	> 99	Not classified

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- Additional advice : First aider: Pay attention to self-protection!. See also section 8 . Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically. In case of doubt or persistent symptoms, consult always a physician.
- Inhalation : Keep at rest. Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of doubt or persistent symptoms, consult always a physician.
- Skin contact : Remove contaminated clothing and shoes. Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
- In case of ingestion : Do NOT induce vomiting. Rinse with water. Get medical advice/attention if you feel unwell.

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

- Inhalation : No adverse effects are expected. May be irritating.
- Skin contact : No adverse effects are expected. May be irritating.
- Eye contact : May be irritating.
- Ingestion : No adverse effects are expected. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.
- Unsuitable extinguishing media : Strong water jet .

### 5.2. Special hazards arising from the substance or mixture

- Specific hazards : The product itself does not burn. Glass : Class A1 (EU No. L267/23 dd. 19/10/1996) +. Coatings Class A2, E & F.

### 5.3. Advice for firefighters

- Firefighting instructions : Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Evacuate personnel to a safe area. Provide adequate ventilation.
- Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- For non-emergency personnel : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with eyes. Do not breathe dust.



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**6.1.2. For emergency responders**

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

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Provide adequate ventilation. Collect in closed and suitable containers for disposal. Dispose of contaminated materials in accordance with current regulations.

**6.4. Reference to other sections**

Concerning personal protective equipment to use, see section 8,. Disposal: see section 13.

**SECTION 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. Avoid dust formation. Avoid contact with eyes. Do not breathe vapours/dust.

Hygiene measures : Keep good industrial hygiene. Wash hands and face before breaks and immediately after handling of the product. When using do not eat, drink or smoke. Take off contaminated clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures : Keep container tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)**

Not applicable.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Glass, oxide, chemicals (65997-17-3)		
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (dust and fiber)

DNEL : Not required

PNEC : Not required

Additional information : Personal air monitoring :. Room air monitoring. Recommended monitoring procedures

**8.2. Exposure controls**

Engineering control measures : Provide adequate ventilation. Eye wash bottle with pure water. Organisational measures to prevent /limit releases, dispersion and exposure. See also section 7.

Hand protection : Protective gloves (EN374). 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 : Wear eye glasses with side protection according to EN 166.

Body protection : Use personal protective equipment as required.

Respiratory protection : Not required for normal conditions of use. Effective dust mask

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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state : Solid

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Appearance	: Solid.
Colour	: Grey. Black.
Odour	: None. Slight H <sub>2</sub> S. (Cutting and shaving).
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/freezing point	: No data available
Freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not combustible.
Vapour pressure	: No data available
Vapour density	: No data available
Relative density	: No data available
Density	: 100 - 200 kg/m <sup>3</sup> (DIN 18174)
Solubility	: Insoluble. Water: 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.
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	: No data available

**9.2. Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reference to other sections: 10.5.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

No information available. See also section 7 .

**10.5. Incompatible materials**

No information available. See also section 7 .

**10.6. Hazardous decomposition products**

None known. Hazardous decomposition products Carbon oxides. (Coatings).

**SECTION 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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Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
Serious eye damage/eye irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
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.)
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.)
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.

**SECTION 12: Ecological information****12.1. Toxicity**

Environmental properties : Ecological injuries are not known or expected under normal use.

**12.2. Persistence and degradability****FOAMGLAS® BOARDS, BLOCKS en PERINSUL®**

Persistence and degradability	No data available.
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**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste disposal recommendations	: Handle with care. Safe handling: see section 7 . Refer to manufacturer/supplier for information on recovery/recycling. Dispose of contaminated materials in accordance with current regulations.
Additional information	: Dispose of contaminated materials in accordance with current regulations.
Further ecological information	: Do not allow to enter into surface water or drains.
List of proposed waste codes/waste designations in accordance with EWC (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.

**SECTION 14: Transport information**

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

**14.1. UN number**

Not classified as dangerous in the meaning of transport regulations.

**14.2. UN proper shipping name**

Proper Shipping Name	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

**14.3. Transport hazard class(es)****ADR**

Transport hazard class(es) (ADR) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA**

Transport hazard class(es) (IATA) : Not applicable

**ADN**

Transport hazard class(es) (ADN) : Not applicable

**RID**

Transport hazard class(es) (RID) : Not applicable

**14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : 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**

Carriage prohibited (ADN) : No

Not subject to ADN : No

**- Rail transport**

Carriage prohibited (RID) : No

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 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****Germany**

VwVwS Annex reference : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

Waterbezwaarlijkheid : 11 - B- Weinig schadelijk voor in het water levende organismen

SZW-lijst van kankerverwekkende stoffen : Glass, oxide, chemicals is listed

SZW-lijst van mutagene stoffen : Glass, oxide, chemicals is 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

**15.2. Chemical safety assessment**

Not required

**SECTION 16: Other information**

Indication of changes:

Safety datasheet sections which have been updated : 2,3,16.

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
	DNEL = DNEL = Derived No Effect Level
	LD50 = Median lethal dose
	N.O.S. = Not Otherwise Specified
	PNEC = Predicted No Effect Concentration
	STEL = Short term exposure limit
	TLV = Threshold limits
	TWA = time weighted average
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : European Chemicals Bureau : <http://esis.jrc.ec.europa.eu/> Supplier SDS : PCE-B1380 Las 150107.

Other information : Assessment/classification CLP. Article 9. Calculation method.

The contents and format of this SDS are 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.

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**SAFETY DATA SHEET**

**FOAMGLAS® BOARDS, BLOCKS en PERINSUL®**

**FOAMGLAS®**

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with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.