

**FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED® (EU)**

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

Trade name/designation : FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED® (EU)

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

Main use category : Professional use  
 Specific use(s) : thermal insulation

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

Company: : PCE-Pittsburgh Corning Europe  
 Albertkade 1  
 3980 -TESSENDERLO , BELGIUM  
 Telephone: +32 (0)13 661 721  
 Fax: +32 (0)13 667 854  
 E-mail: safetydepartment@pce.be  
 Website: www.foamglas.com

**1.4. Emergency telephone number**

Emergency telephone : +32 (0)13 661 721 (This telephone number is available during office hours only.)

Country	Official advisory body	Address	Emergency number
AUSTRIA	Vergiftungsinformationszentrale (Poisons Information Centre)	Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Vienna	+43 1 406 43 43
BELGIE/BELGIQUE	Centre Anti-Poisons/Antigifcentrum/Giftnotrufzentrale c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245
BULGARIA	Национален токсикологичен информационен център (National Toxicological Information Centre) National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"	21 Tottleben Boulevard 1606 SOFIA	+359 2 9154 409
CROATIA	Poisons Control Centre Institute of Medical Research & Occupational Health	Ksaverska Cesta 2 P.O. Box 291 HR-10000 Zagreb	+385 1 234 8342
CZECH REPUBLIC	Kontaktní údaje: Toxikologické informační středisko	Na Bojisti 1 128 00 Prague 2	+42 2 2491 9293 +42 2 2491 5402
DENMARK	Giftlinjen Bispebjerg Hospital	Bispebjerg Bakke 23, 60, 1 DK-2400 Copenhagen NV	+45 82 12 12 12 +45 35 31 55 55
FINLAND	Myrkytystietokeskus	P.O.B 790 (Tukholmankatu 17) HUS SF - 00029 Helsinki	+358 9 471 977
FRANCE	Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal	200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10	+33 1 40 05 48 48

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GERMANY	Informationszentrale gegen Vergiftungen Zentrum für Kinderheilkunde der Rheinischen-Friedrich-Wilhelm-Universität Bonn	Adenauerallee 119 53113 Bonn	+49 228 287 3211
HUNGARY	Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety) Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service)	1437 Budapest PO Box 839 1097 Budapest, Nagyvárad tér 2	+36 80 20 11 99
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+35 318 37 99 64
ITALY	Centro Antiveneni (Poisons Centre) Dipartimento di Tossicologia Clinica, Università Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 I-00168 Roma	+39 06 305 4343
LATVIA	Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs.	2 Hipocrate Street LV 1038 Riga	+371 67042473
LITHUANIA	Neatidėliotina informacija apsinuodijus	Siltnamiu 29 2043 Vilnius	+370 5 236 20 52 +370 687 53378
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum (NVIC) NB Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen	P.O. Box 1 3720 BA Bilthoven	+31 30 274 88 88
NORGE	Giftinformasjonene Giftinformasjonssentralen (Helsedirektoratet)	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300
POLAND	Informacji toksykologicznej (National Poisons Information Centre) The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 P-90950 Łódź	+48 42 63 14 724
PORTUGAL	Centro de Informação Antivenenos – Dra Arlinda Borges Instituto Nacional de Emergência Médica (INEM)	Rua Almirante Barroso, 36 1000-013 Lisboa	808 250 143 (Para uso apenas em Portugal), +351 21 330 3284
ROMANIA	Biroul RSI si Informare Toxicologica Apelabil intre orele 8:00 – 15:00	Boulevardul Iancu de Hunedoara 30-32 Bucharest	+40. 21.318.36.06
RUSSIAN FEDERATION	Информационно-консультативный токсикологический центр Министерства здравоохранения Российской Федерации (RTIAC) Министерство здравоохранения Российской Федерации (Ministry of Health of the Russian Federation)	3 Sukharevskaya Ploshad Block 7 129090 Moscow	+74 959 28 16 87 (русский)
SLOVAKIA	Národné toxikologické informačné centrum (National Toxicological Information Centre) (NTIC) University Hospital Bratislava	Limbová 5 833 05 Bratislava	+421 254 77 41 66
SLOVENIA	Poison Centre Division of Internal Medicine	University Clinical Centre Zaloska 7 1525 Ljubljana	+ 386 41 650 500
SPAIN	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	+34 915 62 04 20

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SWEDEN	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital	Box 60 500 SE-171 76 Stockholm	+46 833 12 31 (International) 112 (National)
SWITZERLAND	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre	Freiestrasse 16 Postfach CH-8028 Zurich	+41 442 51 51 51
TURKEY	Toxicology Department and Poisons Centre Refik Saydam Central Institute of Hygiene	Cemal Gürsel Cad no. 18 Sihhiye 6100 Ankara	0 800 314 7900 (Turkey) only +90 0312 433 70 01
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	+44 870 60 062 66 (UK only)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation (EU) 1272/2008

CLP-Classification : Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not classified

#### 2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classification : This substance is not classified as dangerous according to Directive 67/548/EEC.

Not classified

### 2.2. Label elements

#### 2.2.1. Labelling according to Regulation (EU) 1272/2008

No labeling applicable

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

Not relevant

### 2.3. Other hazards

Other hazards which do not result in classification : Results of PBT and vPvB assessment : not applicable .

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Glass, oxide, chemicals	(CAS No) 65997-17-3 (EC no) 266-046-0	> 99	Not classified
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 R-, H- and EUH-phrases: see section 16

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Identification of the mixture : The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

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**SECTION 4: First aid measures**

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**4.1. Description of first aid measures**

- Inhalation. : Keep at rest.  
Provide fresh air.  
If breathing has stopped, apply artificial respiration.  
Consult a physician if necessary.
- 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, consult a specialist.
- First-aid measures after ingestion : Do not induce vomiting.  
Rinse with water.  
If you feel unwell, seek medical advice.
- First-aid measures general : 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.  
When in doubt or if symptoms are observed, get medical advice.

**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.
- Symptoms/injuries after ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

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**SECTION 5: Firefighting measures**

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**5.1. Extinguishing media**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : Strong water jet .

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

- Fire hazard : The product itself does not burn.,Not combustible.,Class A1 (EU No. L267/23 dd. 19/10/1996)
- Specific hazards : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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**5.3. Advice for firefighters**

Advice for firefighters : Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray. Evacuate area. Provide adequate ventilation.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel : Provide adequate ventilation. Use personal protective equipment as required. See also section 8. Prevent further leakage or spillage if safe to do so. Avoid contact with eyes. Do not breathe vapours/dust.

Advice for emergency responders : Only qualified personnel equipped with suitable protective equipment may intervene. Wear suitable protective equipment. See also section 8.

**6.2. Environmental precautions**

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. Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Dispose according to legislation.

**6.4. Reference to other sections**

See also section 8,. See also section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Handling : Provide adequate ventilation. Use personal protective equipment as required. See also section 8. Avoid dust formation. Avoid contact with eyes. Do not breathe vapours/dust. Ensure all equipment is electrically grounded before beginning transfer operations.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse.

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

Storage : Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

**7.3. Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Exposure limit(s) :

DNEL : Not required

PNEC : Not required

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## 8.2. Exposure controls

Personal protective equipment	:	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	:	Not required under normal use. Effective dust mask.
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	:	Safety glasses with side-shields (EN 166)
Skin and body protection	:	Wear suitable protective equipment.
Thermal hazard protection	:	Not required under normal use.
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 .
Environmental exposure controls	:	Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	:	solid
Color	:	grey,black
Odor	:	none,slight
pH	:	no data available
Melting point	:	no data available
Flash point	:	Not applicable
Flammability (solid, gas)	:	Not combustible.
Explosion limits (LEL, UEL)	:	no data available
Relative vapor density at 20 °C	:	no data available
Density	:	100 - 200 kg/m <sup>3</sup> (DIN 13167)
Water solubility	:	insoluble
Solubility in other solvents	:	insoluble
Viscosity	:	no data available
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	:	See also section 10.5
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**10.2. Chemical stability**

Stability : The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Hazardous reactions : None known.

**10.4. Conditions to avoid**

Conditions to avoid : No information available. See also section 7 .

**10.5. Incompatible materials**

Incompatible materials : No information available. See also section 7 .

**10.6. Hazardous decomposition products**

Hazardous decomposition products : None known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

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: no data availableSerious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met.)  
pH: no data available

Respiratory/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.)

Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met.)

Specific target organ toxicity (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.)

**Further information**

Symptoms related to the physical, chemical and toxicological characteristics : See section 4.2.

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

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

**12.2. Persistence and degradability**

Persistence and degradability : No data available



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### **12.3. Bioaccumulative potential**

Bioaccumulation : No data available

### **12.4. Mobility in soil**

Mobility : No additional information available

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

PBT/vPvB : Not applicable .

### **12.6. Other adverse effects**

Further information : No additional information available

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Waste from residues / unused products : Handle with care. See also section 7 . Where possible recycling is preferred to disposal or incineration. Dispose according to legislation.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Ecology - waste materials : Do not allow to enter into surface water or drains.

List of suggested waste codes/waste designations in accordance with the EWC: : Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

## **SECTION 14: Transport information**

No dangerous good in sense of transport regulations

## **SECTION 15: Regulatory information**

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

#### **15.1.1. EU-Regulations**

Authorizations and/or restrictions on use (Annex XVII) : not applicable

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC. : not applicable

Authorisations : Not applicable

#### **15.1.2. National regulations**

DE : WGK : -

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

NL : NeR (Nederlandse emissie Richtlijn) : Inorganic substances in powdered form, Organic substances in vapour or gaseous form

DA : MAL kodes (Bekendtgørelse nr. 301/302 (1993)) : 0-0

### **15.2. Chemical safety assessment**

Chemical Safety Assessment : Not required



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**SECTION 16: Other information**

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

Other information : EU VERSION OF SDS

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 Explosive 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)

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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