

FOAMGLAS® TYPES W+F, T4+, T4, T3+, T3, S3, F, HLB, ONE, Pt AND TAPERED® (EU)

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Revision nr : 6.1

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

Product form : Mixture
 Trade name/designation : FOAMGLAS® TYPES W+F, T4+, T4, T3+, T3, S3, F, HLB, ONE, Pt AND TAPERED® (EU)
 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 uses
 Use of the substance/mixture : thermal insulation

1.2.2. Uses advised against

No additional information 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 - www.foamglas.com

1.4. Emergency telephone number

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

Country	Organization/Company	Address	Emergency number
Austria	Vergiftungsinformationszentrale (Poisons Information Centre)	Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Vienna	+43 1 406 43 43
Belgium	Centre Anti-Poisons/Antigifcentrum/Giftnotrufzentrale c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B - 1120 Brussels	+32 70 245 245
Bulgarian	Национален токсикологичен информационен център (National Toxicological Information Centre) National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"	21 Toteben Boulevard 1606 SOFIA	+359 2 9154 409
Croatia	Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada	Ksaverska Cesta 2 P.O. Box 291 HR-10000 Zagreb	+385 1 234 8342
Czech Republic	Toxikologické informační středisko	Na Bojišti 1 120 00 Praha 2	+420 2 2491 9293/5402 +42 2 2491 5402
Denmark	Gifftlinjen 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	ORFILA Hôpital Fernand Widal		+33 1 45 42 59 59
Germany	Giftnotruf der Charité Charité-Universitätsmedizin - Campus Benjamin Franklin, Berlin	Hindenburgdamm 30 12203 Berlin	+49 30 19240
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	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 1 809 21 66 (public, 8am - 10pm, 7/7) +353 01 809 2566 (Professionals, 24/7)
Italy	Centro Antiveleni (Poisons Centre) Dipartimento di Tossicologia Clinica, Università Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 I-00168 Roma	+39 06 305 4343

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Country	Organization/Company	Address	Emergency number
Latvia	Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs.	2 Hipocrate Street LV 1038 Riga	+371 67042473
Lithuania	Apsinuodijimų kontrolės ir informacijos biuras	Siltnamiu 29 2043 Vilnius	+370 5 236 20 52/+370 687 53378 +370 687 53378
Luxembourg	Centre Anti-Poisons/Antigifcentrum/Giftnotrufzentrale c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+352 8002-5500
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
Norway	Giftinformasjonen 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 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 (Apelabil intre orele 8:00-15:00)
Russia	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)
Saudi Arabia	The Regional Poison Control Center, Dammam (DPCC)	Almazare'a Street P.O.Box 6712 Dammam	+966 55 388 0087
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
Sweden	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital	Box 60 500 SE-171 76 Stockholm	+46 833 12 31 (International) 112 - begär Giftinformation (National)
Switzerland	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre	Freiestrasse 16 Postfach CH-8028 Zurich	145 +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

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

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

No labeling applicable

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Nordic countries regulation**Denmark**

MAL code : 0-0

2.3. Other hazards

Other hazards : PBT/vPvB data : Not applicable .

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

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

SECTION 4: First aid measures**4.1. Description of first aid measures**

- First-aid measures general : First aider: Pay attention to self-protection!. See also section 8 . Never give anything by mouth to an unconscious person. 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. Give oxygen or artificial respiration if necessary. 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.
- 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.
- Symptoms/injuries after ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

No additional information 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. Not combustible. Class A1 (EU No. L267/23 dd. 19/10/1996).

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.

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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 item 8. Stop leak if safe to do so. Avoid contact with eyes. Do not breathe vapors/dust.

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 item 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. Stop leak if safe to do so. Keep in suitable, closed 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 item 8. Concerning disposal elimination after cleaning, see item 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 item 8. Avoid dust formation. Avoid contact with eyes. Do not breathe vapors/dust. Ensure equipment is adequately grounded.

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. Keep only in the original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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 ³)	10 mg/m ³ (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 measure(s) : Provide adequate ventilation. Eye wash bottle with pure water . Organizational measures to prevent /limit releases, dispersion and exposure . See also section 7 .

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.

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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)
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 environmental protection legislation.

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

Physical state	: Solid
Appearance	: Solid.
Color	: Gray. Black.
Odor	: None. Slight.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting / 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.
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: No data available
Specific gravity / density	: 100 - 200 kg/m ³ (DIN 13167)
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.
Oxidizing properties	: Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with explosive properties.
Explosion limits	: No data available

9.2. Other information

No additional information available

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

Reference to other sections: 10.5.

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10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

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.

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 available
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: No data available
Respiratory or skin sensitization	: 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)
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)
Other information	: Symptoms related to the physical, chemical and toxicological characteristics : Reference to other sections: 4.2.

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

Ecology - general : Ecological injuries are not known or expected under normal use.

12.2. Persistence and degradability

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Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

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

Product/Packaging 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 : Delivery to an approved waste disposal company.

Further ecological information : Do not allow to enter into surface water or drains.

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.

SECTION 14: Transport information

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

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

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. 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 REACH candidate substance

Contains no REACH Annex XIV substances.

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15.1.2. National regulations**Germany**

Reference to AwSV : Water hazard class (WGK) nwg, non-hazardous to water (Classification according to AwSV, Annex 1)

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 : 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

15.2. Chemical safety assessment

Not required

SECTION 16: Other information

Indication of changes:

Safety datasheet sections which have been updated : 14,16.

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. EU VERSION OF SDS.

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
 Classification according to Regulation (EC) No. 1272/2008 [CLP]
 Labeling according to Regulation (EC) No. 1272/2008 [CLP]

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