

FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED®

Page : 1

Revision nr : 3

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Commercial Product Name : FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED®

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
 Tel. +32 (0)13 661 721
 Fax: +32 (0)13 667 854
 E-mail address: 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
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 1 8379964
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	+44 (0) 870 600 6266 (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/EC 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

Not applicable.

FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED®

Page : 2

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : Keep at rest.
Move to 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.

Ingestion : Do not induce vomiting.
Rinse with water.
If you feel unwell, seek medical advice.

Additional advice : First aider needs to protect himself.
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.
When symptoms persist or in all cases of doubt seek 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.

Ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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



Page : 3

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use dry chemical, CO₂, water spray or alcohol resistant foam.
Extinguishing media which shall not be used for safety reasons : High volume 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.

5.3. Advice for firefighters

- Advice for firefighters : Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray. Evacuate personnel to safe areas. Ensure adequate ventilation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Advice for non-emergency personnel : Ensure adequate ventilation. Wear personal protective equipment. 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 flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

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 : Ensure adequate ventilation. Wear personal protective equipment. 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

FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED®

Page : 4

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

product. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from open flames, hot surfaces and sources of ignition.

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

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 conforming to EN166

Skin and body protection : Wear suitable protective equipment.

Thermal hazard protection : Not required under normal use.

Engineering measures : Ensure 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 flush into surface water or sanitary sewer system.
Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance : solid
 Colour : grey,black
 Odour : none,slight
 pH : no data available
 Melting point/range : no data available
 Flash point : Not applicable
 Flammability (solid, gas) : Not combustible.
 Explosion limits : no data available
 Vapour density : no data available
 Density : 100 - 200 kg/m³ (DIN 13167)

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

Page : 5

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

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

10.2. Chemical stability

Stability : Stable under normal conditions.

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 available
Serious 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.)

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

Page : 6

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

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

12.3. Bioaccumulative potential

Bioaccumulation : No data available

12.4. Mobility in soil

Mobility : No data available

12.5. Results of PBT and vPvB assessment

PBT/vPvB : Not applicable .

12.6. Other adverse effects

Further information : No data 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 of in accordance with local regulations.

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

Additional ecological information : Do not flush into surface water or sanitary sewer system.

Waste codes / waste designations according to EWC / AVV : Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

Not classified as dangerous in the meaning 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**

Restrictions on use : not applicable

FOAMGLAS® TYPES W+F, T4+, T4, S3, F, HLB, ONE, Pt AND TAPERED®

Page : 7

Revision nr : 3

Issuing date : 27/12/2012

Supersedes : 24/06/2010

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

SECTION 16: Other information

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

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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