

**FOAMGLAS®**

SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
 Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 21-May-2021

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name PC® 85 Powder

Safety data sheet number OCPC00048

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

Recommended Use • Restricted to professional users

1.3. Details of the supplier of the safety data sheet

Supplier Address Pittsburgh Corning Europe
 Albertkade 1
 3980 - Tessenderlo, Belgium

E-mail address SDS.compliance@owenscorning.com

Company Website www.foamglas.com

Telephone number T +32 (0)13 661 721, F +32 (0)13 667 854

1.4. Emergency telephone number

Emergency Telephone +32 (0)13 661 721

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	Vergiftungsinformationszentrale (Poisons Information Centre) +43 1 406 43 43
Belgium	Centre Anti-Poisons/Antigifcentrum/Giftnotrufzentrale/o Hôpital Central de la Base - Reine Astrid +32 70 245 245
Bulgaria	Национален токсикологичен информационен център (National Toxicological Information Centre)National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov" +359 2 9154 409
Croatia	Centar za kontrolu otrovanjaInstitut za medicinska istraživanja i medicinu rada +385 1 234 8342
Czech Republic	Toxikologické informační středisko +420 2 2491 9293/5402 +42 2 2491 5402
Denmark	GiftlinjenBispebjerg Hospital +45 82 12 12 12 +45 35 31 55 55
Finland	Myrkytystietokeskus +358 9 471 977
France	ORFILA Hôpital Fernand Widal +33 1 45 42 59 59
Germany	Giftnotruf der CharitéCharité-Universitätsmedizin - Campus Benjamin Franklin, Berlin +49 30 19240
Hungary	Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety)Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service) +36 80 20 11 99
Ireland	National Poisons Information CentreBeaumont Hospital +353 1 809 21 66 (public, 8am - 10pm, 7/7)+353 01 809 2566 (Professionals, 24/7)
Italy	Centro Antiveneni (Poisons Centre)Dipartimento di Tossicologia Clinica, Università Cattolica del Sacro Cuore +39 06 305 4343
Latvia	Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs. +371 67042473
Lithuania	Apsinuodijimų kontrolės ir informacijos biuras +370 5 236 20 52/ +370 687 53378 +370 687 53378
Netherlands	Nationaal Vergiftigingen Informatie Centrum (NVIC)NB Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen +31 30 274 88 88

Norway	Giftinformasjonen Giftinformasjonssentralen (Helsedirektoratet) +47 22 591300
Poland	Informacji toksykologicznej (National Poisons Information Centre) The Nofer Institute of Occupational Medicine (Łódź) +48 42 63 14 724
Portugal	Centro de Informação Antivenenos Instituto Nacional de Emergência Médica (INEM) 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 +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) +74 959 28 16 87 (русский)
Saudi Arabia	The Regional Poison Control Center, Dammam (DPCC) +966 55 388 0087
Slovakia	Národné toxikologické informačné centrum (National Toxicological Information Centre) (NTIC) University Hospital Bratislava +421 254 77 41 66
Slovenia	Poison Centre Division of Internal Medicine + 386 41 650 500
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses +34 91 562 04 20
Sweden	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital +46 833 12 31 (International) 112 - begär Giftinformation (National)
Switzerland	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre 145 / +41 442 51 51 51
Turkey	Toxicology Department and Poisons Centre Refik Saydam Central Institute of Hygiene 0 800 314 7900 (Turkey) only +90 0312 433 70 01
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit 0844 892 0111 (UK only, 24/7, healthcare professionals only)

Section 2: HAZARDS IDENTIFICATION

2.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

2.2. Label elements



Signal word

Danger

Hazard statements

H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

Precautionary Statements

P102 - Keep out of reach of children
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Other hazards

No other specific hazard has been identified.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No.	CAS No.	Weight-%	2.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)	REACH Registration Number
Calcium sulfate hemihydrate	231-900-3	7778-18-9	>90	No data available	No data available
Calcium hydroxide	215-137-3	1305-62-0	5 - 10	Skin Irrit. 2 (H315) Eye Damage 1 (H318) STOTE-SE 3 (H335)	No data available

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice	First aider: Pay attention to self-protection!. Never give anything by mouth to an unconscious person. Show this safety data sheet to the doctor in attendance. Use first aid treatment according to the nature of the injury.
Inhalation	• Move victim to fresh air • If symptoms persist, call a physician
Skin contact	• Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes • If skin irritation persists, call a physician
Eye contact	• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes • Seek immediate medical attention/advice
Ingestion	• Rinse mouth • Do NOT induce vomiting • Call a POISON CENTER or doctor/physician if you feel unwell • Do NOT drink water. The product cures in presence of water.

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

Symptoms	• May cause respiratory irritation • Causes skin irritation • Causes serious eye damage • Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	No information available.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	• Dry extinguishing powder • Foam
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- Carbon dioxide (CO₂)

Unsuitable extinguishing media Water Do not use straight streams

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Non-combustible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Evacuate personnel to safe areas. Prevent fire extinguishing water from contaminating surface water or the ground water system. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

- Ensure adequate ventilation, especially in confined areas
- Avoid contact with skin, eyes or clothing
- Use personal protective equipment as required

For emergency responders

- Ensure procedures and training for emergency decontamination and disposal are in place.
- Ventilate the area
- Use personal protections recommended in Section 8

6.2. Environmental precautions

Environmental precautions

- Do not allow to enter sewers, drains or waterways
- The product cures in contact with water.

6.3. Methods and material for containment and cleaning up

Methods for containment

- Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry
- Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust

Methods for cleaning up

- Take up mechanically, placing in appropriate containers for disposal

6.4. Reference to other sections

Reference to other sections

- See section 8 for more information
- See section 13 for more information

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

- Ensure adequate ventilation, especially in confined areas
- Use personal protective equipment as required
- Handle in accordance with good industrial hygiene and safety practice
- Avoid contact with skin, eyes or clothing
- Do not breathe dust/fume/gas/mist/vapors/spray
- Avoid release to the environment

General Hygiene Considerations

- Wash hands thoroughly after handling
- Wash contaminated clothing before reuse
- Regular cleaning of equipment, work area and clothing is recommended
- Keep away from food, drink and animal feeding stuffs
- Do not eat, drink or smoke when using this product

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

- Keep in a dry place

- Keep away from water or moist air
- Keep out of the reach of children

Packaging materials

- Unsuitable material: Aluminium.
- Keep only in the original container.

Incompatible materials

- Acids
- Nitro-organic compounds
- Paper

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

No particular end use has been identified to date.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Component	ACGIH	Australia	Austria	Belgium	Bulgaria
Calcium sulfate hemihydrate 7778-18-9 (>90)		10 mg/m ³	TWA: 5 mg/m ³ STEL 10 mg/m ³	10 mg/m ³ TWA	TWA: 10.0 mg/m ³
Calcium hydroxide 1305-62-0 (5 - 10)		5 mg/m ³	TWA: 1 mg/m ³ STEL 4 mg/m ³	1 mg/m ³ TWA (alveolar fraction) STEL 4 mg/m ³	STEL: 4 mg/m ³ TWA: 1 mg/m ³
Component	Croatia	Czech Republic	Denmark	Finland	France
Calcium sulfate hemihydrate 7778-18-9 (>90)					TWA: 10 mg/m ³
Calcium hydroxide 1305-62-0 (5 - 10)	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ Ceiling: 4 mg/m ³	TWA: 1 mg/m ³ TWA: 5 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 5 mg/m ³
Component	Germany	Greece	Hungary	Ireland	Italy
Calcium sulfate hemihydrate 7778-18-9 (>90)	TWA: 6 mg/m ³		TWA: 4 mg/m ³ TWA: 1.5 mg/m ³	TWA: 10 mg/m ³ STEL: 30 mg/m ³	
Calcium hydroxide 1305-62-0 (5 - 10)	TWA: 1 mg/m ³	TWA 1 mg/m ³ STEL 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³
Component	Latvia	Lithuania	Netherlands	Norway	Poland
Calcium sulfate hemihydrate 7778-18-9 (>90)	TWA: 4 mg/m ³				TWA: 10 mg/m ³
Calcium hydroxide 1305-62-0 (5 - 10)	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	STEL: 4 mg/m ³ STEL: 6 mg/m ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³
Component	Portugal	Romania	Russia	Slovakia	Slovenia
Calcium sulfate hemihydrate 7778-18-9 (>90)	TWA: 10 mg/m ³			TWA: 4 mg/m ³ TWA: 1.5 mg/m ³	TWA: 6 mg/m ³
Calcium hydroxide 1305-62-0 (5 - 10)	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	MAC: 2 mg/m ³ Skin	TWA: 5 mg/m ³	TWA: 1 mg/m ³ STEL: STEL mg/m ³
Component	Spain	Sweden	Switzerland	United Kingdom	
Calcium sulfate hemihydrate 7778-18-9 (>90)	TWA: 10 mg/m ³		TWA: 3 mg/m ³		
Calcium hydroxide 1305-62-0 (5 - 10)	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TLV: 1 mg/m ³ Binding STEL: 4 mg/m ³	TWA: 1 mg/m ³ STEL: 4 mg/m ³	TWA: 1 mg/m ³ TWA: 5 mg/m ³ STEL: 4 mg/m ³ STEL: 15 mg/m ³	

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls**Engineering Controls**

- Organizational measures to prevent /limit releases, dispersion and exposure
- Prevent and/or minimize dust formation
- Handle product only in closed system or provide appropriate exhaust ventilation

**Personal protective equipment
Eye/face protection**

- Wear safety glasses with side shields (or goggles)

Hand Protection	• (EN 166) • Gloves must conform to standard EN 374 • Wear protective nitrile rubber gloves • Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves
Skin and body protection	• Wear long-sleeved shirt and long pants • Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate
Respiratory protection	• Short term exposure : full face mask (DIN EN 136). Half-face mask (DIN EN 140). Effective dust mask (EN 149). Filter type: P2 (EN143). Long term exposure : Self-contained breathing apparatus
Environmental exposure controls	• Avoid release to the environment • Local authorities should be advised if significant spillages cannot be contained

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	No information available
Odor	No detectable odor.
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	Not applicable	None known
Evaporation rate	Not applicable	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Density VALUE	No data available	None known
Relative density	No data available	None known
Water solubility	Soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable	None known
Decomposition temperature	+ 580°C -> Ca(OH) ₂ → CaO + H ₂ O	None known
Viscosity	Not determined	None known
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

Softening point	No information available
Molecular weight	No information available
VOC	No information available
Liquid Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	Dispersible in water Hazardous Decomposition Products OH ⁻
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10.2. Chemical stability

Stability	Stable under normal conditions.
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Explosion data

Sensitivity to Mechanical Impact No.
Sensitivity to Static Discharge No.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

- + 580°C : $\text{Ca(OH)}_2 \rightarrow \text{CaO} + \text{H}_2\text{O}$.
- Risk of ignition

10.4. Conditions to avoid

Conditions to avoid Humidity.

10.5. Incompatible materials

Incompatible materials

- Acids
- Nitro-organic compounds
- Paper

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions

Section 11: TOXICOLOGICAL INFORMATION**Product Information****Inhalation****Eye contact****Skin contact****Ingestion****Irritating to eyes, skin and respiratory tract** Ingestion is unlikely.

May cause irritation of respiratory tract.

Risk of serious damage to eyes.

Irritating to skin.

Ingestion may cause irritation to mucous membranes.

Skin corrosion/irritation

Irritating to skin

Serious eye damage/eye irritation

Irritating to eyes.

Sensitization

No information available

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT - single exposure

May cause respiratory irritation

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7,340.00

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Calcium sulfate hemihydrate	> 3000 mg/kg (Rat)		
Calcium hydroxide	= 7340 mg/kg (Rat)	> 2500 mg/kg (Rat)	

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Calcium sulfate hemihydrate	-	2980: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 1970: 96 h <i>Pimephales promelas</i> mg/L LC50 static	-

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Other adverse effects

Other adverse effects No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	• Disposal should be in accordance with applicable regional, national and local laws and regulations • Should not be released into the environment
Contaminated packaging	• Disposal should be in accordance with applicable regional, national and local laws and regulations
Waste codes / waste designations according to EWC / AVV	• Waste codes should be assigned by the user based on the application for which the product was used

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	No
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No

ADR

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No

IATA

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No

Section 15: REGULATORY INFORMATION

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

National regulations

Germany

Water hazard class (WGK) slightly hazardous to water (WGK 1)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

15.2. Chemical safety assessment

Chemical Safety Report No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

Legend

*	Skin designation	Ceiling	Maximum limit value
STEL	STEL (Short Term Exposure Limit)	TWA	TWA (time-weighted average)

Revision Date 21-May-2021

Revision Note

Update of document format

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet