

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

Revision Date 26-Oct-2020

Version 1

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

1.1. Product identifier

Product Name PC® 58 Component B
Safety data sheet number OCPC00058

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

Recommended Use

- Additive
- For professional use

1.3. Details of the supplier of the safety data sheet

Supplier

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 (only during business hours)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	Vergiftungsinformationszentrale (Poisons Information Centre) +43 1 406 43 43
Belgium	Centre Anti-Poisons/Antigifocentrum/Giftnotrufzentralec/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 otrovanja/Institut 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	Giftnotfjen/Bispebjerg 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 Charité/Charité-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 Centre/Beaumont 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	GiftinformasjonenGiftinformasjonssentralen (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 AntivenenosInstituto Nacional de Emergência Médica (INEM) 808 250 143 (Para uso apenas em Portugal),+351 21 330 3284
Romania	Biroul RSI si Informare ToxicologicaApelabil 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 CentreDivision of Internal Medicine + 386 41 650 500
Spain	Servicio de Información ToxicológicaInstituto 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 ToxicologiqueSwiss 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

Label elements according to (EC) N°1272/2008 (CLP) as amended



Signal word

Danger

Hazard statements

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

Contains

Contains Cement, portland, chemicals; Potassium carbonate; Flue dust, portland cement. May produce an allergic reaction

Precautionary Statements

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P264 - Wash face, hands and any exposed skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing
 P405 - Store locked up
 P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Other hazards

This cement product has been processed by a reduction agent to decrease chromium VI to < 0.0002% so skin sensitization (H317) is not applicable.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Cement, portland, chemicals	266-043-4	65997-15-1	> 50	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Damage 1 (H318) STOTE-SE 3 (H335)	No data available
Potassium carbonate	209-529-3	584-08-7	2 - 5	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOTE-SE 3 (H335)	No data available
Flue dust, portland cement	270-659-9	68475-76-3	1 - 2	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) 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. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- If symptoms persist, call a physician

Skin contact

- Take off contaminated clothing
- Wash with soap and water
- If symptoms persist, 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

- **DO NOT** induce vomiting
- Get medical attention
- Clean mouth with water and drink afterwards plenty of water

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

Symptoms	<ul style="list-style-type: none"> • Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea • • Causes serious eye damage • Causes burns • • Causes skin irritation • • May cause respiratory irritation
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	<ul style="list-style-type: none"> • Alcohol resistant foam • Extinguishing powder • Water spray (fog) • Carbon dioxide (CO₂)
Unsuitable extinguishing media	Do not use straight streams

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	Danger of dust explosions. Not flammable.
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Hazardous combustion products Carbon oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters	Evacuate personnel to safe areas. Cool drums with water spray. Avoid release to the environment. Use personal protective equipment as required. In the event of fire, wear self-contained breathing apparatus. Knock down dust cloud with water spray.
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Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	<ul style="list-style-type: none"> • Use personal protective equipment as required • Evacuate personnel to safe areas • Ensure adequate ventilation, especially in confined areas • Avoid contact with skin, eyes or clothing • Avoid creating dust • Do not breathe dust
For emergency responders	<ul style="list-style-type: none"> • Use personal protections recommended in Section 8 • Have procedures in place for emergency decontamination

6.2. Environmental precautions

Environmental precautions	<ul style="list-style-type: none"> • Do not allow to enter sewers, drains or waterways • Collect spillage
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6.3. Methods and material for containment and cleaning up

Methods for containment	<ul style="list-style-type: none"> • Prevent further leakage or spillage if safe to do so
Methods for cleaning up	<ul style="list-style-type: none"> • Avoid creating dust • Sweep up and shovel into suitable 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
- Avoid contact with skin, eyes or clothing
- Do not breathe dust/fume/gas/mist/vapors/spray
- Avoid generation of dust

General Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice
- Wash face, hands and any exposed skin thoroughly after handling
- Wash thoroughly before eating or drinking.
- Keep away from food, drink and animal feeding stuffs
- Take off all contaminated clothing and wash it before reuse
- Keep working clothes separately

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

- Keep away from water or moist air
- Store in a well-ventilated place. Keep cool

Packaging materials

- Do not reuse empty containers

Incompatible materials

- Water
- Acids
- Alloys
- Gives off hydrogen by reaction with metals. (Al, Zn, Cu, ...).

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
Cement, portland, chemicals 65997-15-1 (> 50)		10 mg/m ³	TWA: 5 mg/m ³	1 mg/m ³ TWA (without asbestos fibers and <1% crystalline silicas), alveolar dust)	
Flue dust, portland cement 68475-76-3 (1 - 2)			TWA: 5 mg/m ³		
Component	Croatia	Czech Republic	Denmark	Finland	France
Cement, portland, chemicals 65997-15-1 (> 50)	TWA: 10 mg/m ³ TWA: 4 mg/m ³			TWA: 5 mg/m ³ TWA: 1 mg/m ³	
Potassium carbonate 584-08-7 (2 - 5)		TWA: 5 mg/m ³ Ceiling: 10 mg/m ³			
Component	Germany	Greece	Hungary	Ireland	Italy
Cement, portland, chemicals 65997-15-1 (> 50)			TWA: 10 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	
Component	Latvia	Lithuania	Netherlands	Norway	Poland
Cement, portland, chemicals 65997-15-1 (> 50)	TWA: 6 mg/m ³				TWA: 6 mg/m ³ TWA: 2 mg/m ³
Potassium carbonate 584-08-7 (2 - 5)	TWA: 2 mg/m ³	TWA: 2 mg/m ³			
Component	Portugal	Romania	Russia	Slovakia	Slovenia
Cement, portland, chemicals 65997-15-1 (> 50)	TWA: 1 mg/m ³	TWA: 10 mg/m ³			
Potassium carbonate			MAC: 2 mg/m ³		

584-08-7 (2 - 5)				
Component	Spain	Sweden	Switzerland	United Kingdom
Cement, portland, chemicals 65997-15-1 (> 50)	TWA: 4 mg/m ³		TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 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

- Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits
- All equipment used when handling the product must be grounded
- Organizational measures to prevent /limit releases, dispersion and exposure
- Eyewash stations
- Showers

Personal protective equipment

Eye/face protection
Hand Protection

- Wear safety glasses with side shields (or goggles) (EN166)
- Chemically resistant gloves (tested to EN374)
- Wear protective nitrile rubber gloves
- Wear protective butyl 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
Respiratory protection

- Suitable protective clothing
- In case of insufficient ventilation, wear suitable respiratory equipment
- Full face mask (EN 136), Half-face mask (DIN EN 140), Filter type A (EN 141)
- Long term
- Wear self-contained breathing apparatus

Environmental exposure controls • Avoid release to the environment

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 Characteristic.
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	> 12	@ 20 °C
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	1.5 g/L @ 20 C	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable	None known
Decomposition temperature	No data available	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	0 %
Liquid Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Reactivity	No known reactivity
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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 • None under normal processing conditions

10.4. Conditions to avoid

Conditions to avoid	Exposure to air or moisture over prolonged periods. dust formation.
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10.5. Incompatible materials

Incompatible materials	<ul style="list-style-type: none"> • Water • Acids • Alloys • Gives off hydrogen by reaction with metals. (Al, Zn, Cu, ...).
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10.6. Hazardous decomposition products

Hazardous Decomposition Products Hydrogen Carbon oxides

Section 11: TOXICOLOGICAL INFORMATION**Product Information**

Product does not present an acute toxicity hazard based on known or supplied information

Inhalation	May cause irritation of respiratory tract.
Eye contact	Risk of serious damage to eyes.
Skin contact	Irritating to skin.
Ingestion	No data available.

Skin corrosion/irritation	Irritating to skin
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Serious eye damage/eye irritation	Risk of serious damage to eyes.
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Sensitization	This cement product has been processed by a reduction agent to decrease chromium VI to < 0.0002% so skin sensitization (H317) is not applicable.
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Germ cell mutagenicity	No information available.
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Carcinogenicity	No information available.
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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
Potassium carbonate	= 1870 mg/kg (Rat)		

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Potassium carbonate	-	-	630: 48 h Ceriodaphnia dubia mg/L LC50

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

- Refer to manufacturer/supplier for information on recovery/recycling
- Dispose of empty containers and wastes safely
- 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
 - The following Waste Codes are only a suggestion:
 - 10 13 11

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

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Cement, portland, chemicals 65997-15-1	RG 8, RG 10	-
Potassium carbonate 584-08-7	RG 58, RG 67	-

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) Not applicable
regulation (EC) 1005/2009

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
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage

Legend

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

Revision Date 26-Oct-2020

Revision Note Update of document format

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

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

End of Safety Data Sheet