

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 27-Oct-2020 Version 1

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

1.1. Product identifier

Product Name PC® Finish 1
Safety data sheet number OCPC00066

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

Recommended Use • Adhesives

· 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/Antigifcentrum/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 otrovanjalnstitut 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 Antiveleni (Poisons Centre)Dipartimento di Tossicologia Clinica, Universita 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 (Lòdz) +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)

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

<u>Hazard symbols</u> Not dangerous

2.2. Label elements

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

EUH210 - Safety data sheet available on request

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	REACH
				according to	Registration
				Regulation (EC)	Number

				No. 1272/2008 [CLP]	
Cement, portland, chemicals	266-043-4	65997-15-1	5 - < 10	Skin Irrit 2 (H315) Skin Sens. 1 (H317) Eye Damage 1 (H318) STOTE-SE 3 (H335)	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. If symptoms persist, call a physician.

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• Wash off immediately with soap and plenty of water

· Take off contaminated clothing

· If skin irritation persists, call a physician

Eye contact • Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

· Remove contact lenses, if present and easy to do. Continue rinsing

• Seek immediate medical attention/advice

Ingestion • DO NOT induce vomiting

· Clean mouth with water and drink afterwards plenty of water

· Get medical attention

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

Symptoms • Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

•

• Inhalation of dust in high concentration may cause irritation of respiratory system

· Causes skin irritation

· Prolonged or repeated skin contact may cause dermatitis

Causes serious eye damage

MAY CAUSE PERMANENT EYE INJURY

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

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
- Water spray (fog)
- Alcohol resistant foam
- Carbon dioxide (CO2)
- Dry extinguishing powder

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

Not flammable. Not combustible. Hazardous Decomposition Products. Nitrogen oxides

(NOx).

Hazardous combustion products Carbon oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Evacuate personnel to safe areas. Special protective equipment for fire-fighters. In the event of fire, wear self-contained breathing apparatus. Avoid release to the environment.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

• Ensure adequate ventilation, especially in confined areas

Use personal protective equipment as required
Avoid contact with skin, eyes or clothing

Evacuate personnel to safe areas

· Stay upwind

Avoid breathing dust

For emergency responders • Use personal protective equipment as required

• Have procedures in place for emergency decontamination

6.2. Environmental precautions

• Do not allow into any sewer, on the ground or into any body of water

Collect spillage

6.3. Methods and material for containment and cleaning up

Methods for containment • Prevent further leakage or spillage if safe to do so

Methods for cleaning up • Stop leak if safe to do so.

· Dam up

· Clean up promptly by sweeping or vacuum

• Take up mechanically, placing in appropriate containers for disposal

Prevent product from entering drains

• Site should have a spill plan to ensure that adequate safeguards are in place to minimize

the impact of episodic releases

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

· Avoid release to the environment

General Hygiene Considerations

· Do not eat, drink or smoke when using this product

· Wash thoroughly before eating or drinking.

· Wash face, hands and any exposed skin thoroughly after handling

· Keep away from food, drink and animal feeding stuffs

• Wash contaminated clothing before reuse

· Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions • Keep in a dry, cool and well-ventilated place

Keep container tightly closed

• Do not store near incompatible materials (see Section 10)

Packaging materials • Keep in properly labeled container

Incompatible materials • Water

AcidsMetals

• 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
Calcium hydroxide 1305-62-0 (5 - < 10)		5 mg/m ³	TWA: 1 mg/m³ STEL 4 mg/m³	1 mg/m³ TWA (alveolar fraction) STEL 4 mg/m³	STEL: 4 mg/m ³ TWA: 1 mg/m ³
Cement, portland, chemicals 65997-15-1 (5 - < 10)		10 mg/m³	TWA: 5 mg/m ³	1 mg/m³ TWA (without asbestos fibers and <1% crystalline silicas), alveolar dust)	
Component	Croatia	Czech Republic	Denmark	Finland	France
Cement, portland, chemicals 65997-15-1 (5 - < 10)	TWA: 10 mg/m ³ TWA: 4 mg/m ³			TWA: 5 mg/m ³ TWA: 1 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
Cement, portland, chemicals 65997-15-1 (5 - < 10)			TWA: 10 mg/m ³	TWA: 1 mg/m ³ STEL: 3 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
Cement, portland, chemicals 65997-15-1 (5 - < 10)	TWA: 6 mg/m ³				TWA: 6 mg/m ³ TWA: 2 mg/m ³
Calcium hydroxide 1305-62-0 (5 - < 10)	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ STEL: 3 mg/m³	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
Cement, portland, chemicals 65997-15-1 (5 - < 10)	TWA: 1 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	MAC: 2 mg/m³ Skin	TWA: 5 mg/m ³	TWA: 1 mg/m³ STEL: STEL mg/m³
Component	Spain	Sweden	Switzerland	United Kingdom	
Cement, portland, chemicals 65997-15-1 (5 - < 10)	TWA: 4 mg/m ³		TWA: 5 mg/m ³	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	
Calcium hydroxide 1305-62-0 (5 - < 10)	TWA: 1 mg/m³ STEL: 4 mg/m³	TLV: 1 mg/m³ Binding STEL: 4 mg/m³	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ TWA: 5 mg/m³ STEL: 4 mg/m³ STEL: 15 mg/m³	

Derived No Effect Level (DNEL)No information available.

Predicted No Effect Concentration No information available.

(PNEC)

8.2. Exposure controls

Engineering Controls

- · Use only outdoors or in a well-ventilated area.
- Organizational measures to prevent /limit releases, dispersion and exposure
- Showers
- · Ventilation systems Eyewash stations

Personal protective equipment

Eye/face protection **Hand Protection**

- · Wear safety glasses with side shields (or goggles) (EN166)
- · 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

- Suitable protective clothing
- · Protective shoes or boots
- · Wear long-sleeved shirt and long pants · None under normal use conditions

Respiratory protection

- In case of inadequate ventilation wear respiratory protection
- Full face mask (EN 136), Half-face mask (DIN EN 140), Filter type A (EN 141)

Environmental exposure controls

- Avoid release to the environment
- · Local authorities should be advised if significant spillages cannot be contained

None known

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Solid **Appearance** Powder Color Gray Odor Odorless.

Odor threshold No information available

Remarks • Method Property Values

~ 12 Hq No data available Melting point / freezing point Boiling point / boiling range No data available Flash point Not applicable

None known 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

No data available Vapor pressure None known No data available **Density VALUE** None known Relative density No data available None known

Water solubility Negligible

No data available Solubility(ies) None known **Partition coefficient** No data available None known Not applicable None known **Autoignition temperature Decomposition temperature** No data available None known **Viscosity** Not determined None known

Dynamic viscosity No data available No information available **Explosive properties** No information available **Oxidizing properties**

9.2. Other information

No information available Softening point 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 No known reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

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.

10.5. Incompatible materials

Incompatible materials • Water

Acids

Metals

• Gives off hydrogen by reaction with metals. (Al, Zn, Cu, ...).

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions

Section 11: TOXICOLOGICAL INFORMATION

<u>Product Information</u> Product does not present an acute toxicity hazard based on known or supplied

information

Inhalation May cause irritation of respiratory tract.

Eye contactRisk of serious damage to eyes. MAY CAUSE PERMANENT EYE INJURY.Skin contactIrritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.IngestionIngestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin corrosion/irritation Irritating to skin

Serious eye damage/eye irritation Risk of serious damage to eyes.

Sensitization No information available

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available

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 mg/kg

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

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Low order of toxicity based on components

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
- Dispose of empty containers and wastes safely

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:
- 17 00 00, 17 01 00, 17 01 01

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN numberNot regulated14.2 UN proper shipping nameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Marine pollutantNot applicable

14.6 Special Provisions No

14.7 Transport in bulk according to No information available Annex II of MARPOL 73/78 and the

IBC Code

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

<u>ADR</u>

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

14.6 Special Provisions

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)

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Chemical name	French RG number	Title		
Cement, portland, chemicals	RG 8,RG 10	-		
65997-15-1				

Germany

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

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 H315 - Causes skin irritation

under section 3 H317 - May cause an allergic skin reaction

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 27-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