

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

Revision Date 22-Oct-2020

Version 1

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

1.1. Product identifier

Product Name PC® 56 Adhesive Component B
Safety data sheet number OCPC00046

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

Recommended Use

- Additive
- Restricted to professional users

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 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 Antiveleni (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	Giftinformasjonens 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 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



Signal word

Danger

Hazard statements

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

Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing and eye/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
P310 - Immediately call a POISON CENTER or doctor/physician
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Other hazards

Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight).(H317: Not applicable.)--> Observe the expiry date.

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
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
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**Inhalation**

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

Skin contact

- Remove contaminated clothing and shoes
- Shower and wash with soap and water
- If skin irritation persists, call a physician

Eye contact

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Seek immediate medical attention/advice

Ingestion

- Rinse mouth with water (only if the person is conscious)
- Call a physician
- **DO NOT** induce vomiting

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

- Causes serious eye damage
- Causes severe burns
- May cause redness and tearing of the eyes
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- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
- Abdominal pain
- Burning sensation
-
- Skin irritation
- Skin contact may be irritating, causing erythema (redness) or dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

- 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 Not flammable. Not combustible. Danger of dust explosions.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special protective equipment for fire-fighters Evacuate personnel to safe areas. Cool drums with water spray. Avoid dust formation. Knock down dust cloud with water spray. Wear self-contained breathing apparatus and protective suit. Avoid release to the environment.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

- Use personal protective equipment as required
- Evacuate personnel to safe areas
- Ensure adequate ventilation, especially in confined areas
- Avoid contact with eyes and skin
- Do not breathe dust
- Keep people away from and upwind of spill/leak
- Ventilate affected area
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- All equipment used when handling the product must be grounded
- Use spark-proof tools and explosion-proof equipment

For emergency responders

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

6.2. Environmental precautions

Environmental precautions

- Local authorities should be advised if significant spillages cannot be contained
- Do not allow into any sewer, on the ground or into any body of water

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

- Avoid dust formation
- Take up mechanically, placing in appropriate containers for disposal
- Knock down dust cloud with water spray

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 generation of dust
- Do not breathe dust/fume/gas/mist/vapors/spray

General Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice
- Wash face, hands and any exposed skin thoroughly after handling
- Keep away from food, drink and animal feeding stuffs
- Do not eat, drink or smoke when using this product
- Wash contaminated clothing before reuse

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

- Keep in a dry, cool and well-ventilated place
- Keep away from water or moist air
- Keep in properly labeled containers
- Keep/store only in original container
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Incompatible materials

- Acids

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

No data available.

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: 4 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
Component	Portugal	Romania	Russia	Slovakia	Slovenia
Cement, portland, chemicals 65997-15-1 (> 50)	TWA: 1 mg/m ³	TWA: 10 mg/m ³			
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	<ul style="list-style-type: none"> • Ensure adequate ventilation, especially in confined areas • Use only outdoors or in a well-ventilated area. • Handle product only in closed system or provide appropriate exhaust ventilation • Organizational measures to prevent /limit releases, dispersion and exposure • Showers Eyewash stations Ventilation systems • Danger of dust explosions • Use only outdoors or in a well-ventilated area • All equipment used when handling the product must be grounded
Personal protective equipment	
Eye/face protection	<ul style="list-style-type: none"> • Wear safety glasses with side shields (or goggles) • (EN 166)
Hand Protection	<ul style="list-style-type: none"> • Wear protective gloves • 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 • Gloves must conform to standard EN 374
Skin and body protection	<ul style="list-style-type: none"> • Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact
Respiratory protection	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Local authorities should be advised if significant spillages cannot be contained • Do not allow into any sewer, on the ground or into any body of water

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	Gray
Odor	Characteristic.
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	> 12 (DIN 19261) @ 20 deg C (Contact with water)	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	1400 kg/m ³ (@20 deg C)	None known
Relative density	No data available	None known
Water solubility	Water: 1.5 g/L @ 20 deg 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	Stable under normal conditions
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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 dust formation. Exposure to water. Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Incompatible materials • Acids

10.6. Hazardous decomposition products

Hazardous Decomposition Products SO₂ and CaO above 1450°C

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	Ingestion may cause irritation to mucous membranes.

Skin corrosion/irritation Irritating to skin

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

Sensitization Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight).(H317: Not applicable.)--> Observe the expiry date.

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.

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Flue dust, portland cement		>= 2000 mg/kg (Rat)	

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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 Do not allow to enter into surface water or drains.

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
- This material and its container must be disposed of as hazardous waste

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
- Waste codes / waste designations according to EWC / AVV
- 10 13 11 + 10 13 14

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	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

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**

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

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
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 22-Oct-2020

Revision Note Not applicable

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