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 19-Oct-2020 **Version** 1

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

1.1. Product identifier

Product Name PC® 74 A1

Safety data sheet number OCPC00068

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 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 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)

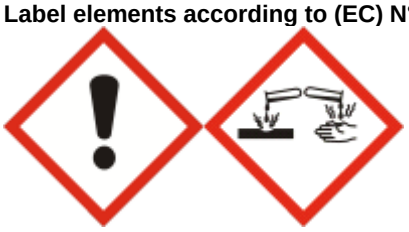
Section 2: HAZARDS IDENTIFICATION

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

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
calcium hydroxide; Cement, portland, chemicals.

Precautionary Statements
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
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
P315 - Get immediate medical advice/attention

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
Calcium silicate	215-710-8	1344-95-2	23-28	No data available	No data available
Cement, portland, chemicals	266-043-4	65997-15-1	10 - < 20	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	2.5 - < 5	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 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
• 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
•
• 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

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media
• Use extinguishing agent suitable for type of surrounding fire
• Dry chemical, CO2, water spray or alcohol-resistant foam

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 combustible. Not flammable. Hazardous Decomposition Products. Carbon oxides. Do not allow run-off from fire-fighting to enter drains or water courses.

Hazardous combustion products Carbon oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Evacuate personnel to safe areas. Use personal protective equipment as required. In the event of fire, wear self-contained breathing apparatus. Avoid release to the environment. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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
• Stop leak if you can do it without risk
• Avoid contact with skin, eyes or clothing
• Evacuate personnel to safe areas
• Stay upwind
• Do not breathe dust

For emergency responders
• Use personal protections recommended in Section 8
• Have procedures in place for emergency decontamination
• Use personal protective equipment as required

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
• Provide adequate ventilation
• Stay upwind/keep distance from source
• Stop leak if safe to do so.
• Remove all sources of ignition
• Dam up
• Vacuum or wet clean-up methods should be used

• 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 creating dust
• Do not breathe dust/fume/gas/mist/vapors/spray
• 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 hands before breaks and immediately after handling products
• Keep away from food, drink and animal feeding stuffs
• Take off all contaminated clothing and wash it before reuse
• Keep working clothes separately
• 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
• Keep only in the original container.
• Unsuitable material: Aluminium.

Incompatible materials

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

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
Calcium silicate 1344-95-2 (23-28)		10 mg/m³		10 mg/m³ TWA	
Cement, portland, chemicals 65997-15-1 (10 - < 20)		10 mg/m³	TWA: 5 mg/m³	1 mg/m³ TWA (without asbestos fibers and <1% crystalline silicas), alveolar dust)	
Calcium hydroxide 1305-62-0 (2.5 - < 5)		5 mg/m³	TWA: 1 mg/m³ STEL 4 mg/m³	1 mg/m³ TWA (alveolar fraction) STEL 4 mg/m³	STEL: 4 mg/m³ TWA: 1 mg/m³

Component	Croatia	Czech Republic	Denmark	Finland	France
Calcium silicate 1344-95-2 (23-28)	TWA: 10 mg/m³ TWA: 4 mg/m³				
Cement, portland, chemicals 65997-15-1 (10 - < 20)	TWA: 10 mg/m³ TWA: 4 mg/m³			TWA: 5 mg/m³ TWA: 1 mg/m³	
Calcium hydroxide 1305-62-0 (2.5 - < 5)	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ Ceiling: 4 mg/m³	TWA: 1 mg/m³ TWA: 5 mg/m³	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 5 mg/m³

Component	Germany	Greece	Hungary	Ireland	Italy
Calcium silicate 1344-95-2 (23-28)		TWA 10 mg/m³ TWA 5 mg/m³		TWA: 1 mg/m³ TWA: 1 f/cc STEL: 3 mg/m³	
Cement, portland, chemicals 65997-15-1 (10 - < 20)			TWA: 10 mg/m³	TWA: 1 mg/m³ STEL: 3 mg/m³	
Calcium hydroxide 1305-62-0 (2.5 - < 5)	TWA: 1 mg/m³	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
Component	**Latvia**	**Lithuania**	**Netherlands**	**Norway**	**Poland**
Cement, portland, chemicals 65997-15-1 (10 - < 20)	TWA: 6 mg/m³				TWA: 6 mg/m³ TWA: 2 mg/m³
Calcium hydroxide 1305-62-0 (2.5 - < 5)	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/m³ STEL: 6 mg/m³ TWA: 2 mg/m³ TWA: 1 mg/m³
Component	**Portugal**	**Romania**	**Russia**	**Slovakia**	**Slovenia**
Calcium silicate 1344-95-2 (23-28)	TWA: 10 mg/m³				
Cement, portland, chemicals 65997-15-1 (10 - < 20)	TWA: 1 mg/m³	TWA: 10 mg/m³			
Calcium hydroxide 1305-62-0 (2.5 - < 5)	TWA: 1 mg/m³ STEL: 4 mg/m³	TWA: 1 mg/m³ STEL: 4 mg/m³	MAC: 2 mg/m³ Skin	TWA: 5 mg/m³	TWA: 1 mg/m³ STEL: STEL mg/m³
Component	**Spain**	**Sweden**	**Switzerland**	**United Kingdom**	
Calcium silicate 1344-95-2 (23-28)	TWA: 10 mg/m³		TWA: 3 mg/m³	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	
Cement, portland, chemicals 65997-15-1 (10 - < 20)	TWA: 4 mg/m³		TWA: 5 mg/m³	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	
Calcium hydroxide 1305-62-0 (2.5 - < 5)	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 (PNEC) No information available.

8.2. Exposure controls

Engineering Controls

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

Personal protective equipment

Eye/face protection

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

Hand Protection

- Chemically resistant gloves (tested to EN374)
- 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
- Wear long-sleeved shirt and long pants
- Protective shoes or boots
- Rubber boots

Respiratory protection

- None under normal use conditions
- 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

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

Property	**Values**	**Remarks • Method**
pH	~ 12	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	Negligible	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	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
- Acids
- Metals
- Gives off hydrogen by reaction with metals. (Al, Zn, Cu, ...).

• Water

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions

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 Causes serious eye damage. MAY CAUSE PERMANENT EYE INJURY.

Skin contact Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

Ingestion Ingestion 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 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

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Calcium silicate	> 5000 mg/kg (Rat)		
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
- 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:
- 17 00 00, 17 01 00, 17 01 01

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	-

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
H317 - May cause an allergic skin reaction
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 19-Oct-2020

Revision Note Update of document format

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

Disclaimer
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End of Safety Data Sheet