



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

Revision Date 28-Oct-2020

Version 1

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

1.1. Product identifier

Product Name PC HTAA
Safety data sheet number OCPC00078
Pure substance/mixture Mixture

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

Recommended Use • 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

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	Giftnotjen/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 +353 18 37 99 64/+353 1809 21 66
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	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 0844 892 0111 (UK only, Monday-Friday, 8:00-18:00 hours, healthcare professionals only)

Section 2: HAZARDS IDENTIFICATION

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

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

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

EUH208 - Contains (Calcium Hydroxide)

Precautionary Statements

P102 - Keep out of reach of children
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

P310 - Immediately call a POISON CENTER or doctor/physician
 P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

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 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. 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 plenty of water
- If symptoms persist, call a physician
- Wash contaminated clothing before reuse

Eye contact

- In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Ingestion

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

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

Symptoms

- May cause respiratory irritation
- Causes skin irritation
- Causes serious eye damage
- May cause redness and tearing of the eyes
- Abdominal pain
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

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	<ul style="list-style-type: none">• Foam• Carbon dioxide (CO₂)• Dry extinguishing powder
Unsuitable extinguishing media	DO NOT USE WATER

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	Not combustible.
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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. Use personal protective equipment as required. Wear self contained breathing apparatus for fire fighting if necessary. Avoid release to the environment.
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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">• Ensure adequate ventilation, especially in confined areas• Use personal protective equipment as required• Evacuate personnel to safe areas• Avoid creating dust• Avoid contact with skin, eyes or clothing• Avoid breathing dust
For emergency responders	<ul style="list-style-type: none">• Have procedures in place for emergency decontamination

6.2. Environmental precautions

Environmental precautions	<ul style="list-style-type: none">• See Section 12 for ecotoxicology additional information• Do not allow into any sewer, on the ground or into any body of water• Local authorities should be advised if significant spillages cannot be contained
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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">• Dam up• Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry• Take up mechanically, placing in appropriate containers for disposal• Sweep up or vacuum up spillage and collect in suitable container for disposal.• Clean contaminated surface thoroughly• Use personal protective equipment as required• Avoid creating dust

6.4. Reference to other sections

Reference to other sections	<ul style="list-style-type: none">• See section 8 for more information• See section 13 for more information
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Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling	<ul style="list-style-type: none">• Use only in well-ventilated areas• Ensure adequate ventilation, especially in confined areas
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- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- Avoid contact with skin, eyes or clothing
- Transfer and handle product only in closed systems
- Avoid release to the environment

General Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice
- Regular cleaning of equipment, work area and clothing is recommended
- Handle product only in closed system or provide appropriate exhaust ventilation
- Keep away from food, drink and animal feeding stuffs
- When using do not eat, drink or smoke
- Shower after exposure
- Take off all contaminated clothing and wash it 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 out of the reach of children

Packaging materials

- Do not reuse empty containers
- Unsuitable material: Aluminium.
- Keep only in the original container.

Incompatible materials

- Aluminum
- Acids
- Paper
- $(\text{Ca}(\text{OH})_2 + 2 \text{Al} + 6 \text{H}_2\text{O} \rightarrow \text{Ca}[\text{Al}(\text{OH})_4]_2 + 3 \text{H}_2)$..

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/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 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 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 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: 3 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 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 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**

- When workers are facing airborne particulates/dust concentrations above the exposure limits, provide local exhaust and/or general ventilation to maintain exposure below regulatory recommended limits; OR they must use an appropriate certified respirator as suggested.
 - All equipment used when handling the product must be grounded
 - Avoid creating dust
 - Showers
- Eyewash stations
Ventilation systems
- Organizational measures to prevent /limit releases, dispersion and exposure

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
- 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
- Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate

Respiratory protection

- In case of insufficient ventilation, wear suitable respiratory equipment
- Filtering Half-face mask (DIN EN 149)

Recommended Filter type:

- Full face mask (EN 136), Half-face mask (DIN EN 140), Filter type A (EN 141) EN 149 or DIN EN 136 or NIOSH filter B/P (EN 141)

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)	Not applicable 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	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable	None known
Decomposition temperature	580°C	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	Not applicable
Liquid Density	No information available
Bulk density	No information available

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

Reactivity Heating may cause a fire or explosion Hazardous Decomposition Products : OH⁻

10.2. Chemical stability

Stability Decomposes in contact with water. 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

- To avoid thermal decomposition, do not overheat
- (Ca(OH)₂ --> CaO + H₂O). calcium oxide (CaO):.
- Reacts violently with water
- Risk of ignition

10.4. Conditions to avoid

Conditions to avoid Exposure to air or moisture over prolonged periods. Exposure to water.

10.5. Incompatible materials

Incompatible materials

- Aluminum
- Acids
- Paper
- (Ca(OH)₂ + 2 Al + 6 H₂O -> Ca[Al(OH)₄]₂ + 3 H₂).

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	No data available.
Eye contact	Risk of serious damage to eyes.
Skin contact	Causes skin irritation.
Ingestion	No data available.

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

ATEmix (oral) 7,340.00 mg/kg

Oral LD50

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

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

MATERIAL DOES NOT BIOACCUMULATE.

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

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

- Should not be released into the environment
- Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging

- Dispose of empty containers and wastes safely
- Refer to manufacturer/supplier for information on recovery/recycling
- 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

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

Water contaminating class (Netherlands) 11

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** A Chemical Safety Assessment has not been carried out**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 28-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**