

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 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 • Restricted to professional users

1.3. Details of the supplier of the safety data sheet

Supplie

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 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 Centre +353 18 37 99 64/+353 1809 21 66		
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 8 (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 Toxicológicalnstituto 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



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-%	2.1 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

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

advice

Ingestion • Rinse mouth

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

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.

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.

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
- Evacuate personnel to safe areas
- Avoid creating dust
- Avoid contact with skin, eyes or clothing
- · Do not breathe dust

For emergency responders

• Ensure procedures and training for emergency decontamination and disposal are in place.

6.2. Environmental precautions

Environmental precautions

- 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

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

- 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 and shovel into suitable containers 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

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

- · Use only in well-ventilated areas
- Ensure adequate ventilation, especially in confined areas
- 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 airKeep out of the reach of children

Packaging materials • Do not reuse empty containers

Unsuitable material: Aluminium.Keep in properly labeled containers

Incompatible materials • Aluminum

AcidsPaper

• (Ca(OH)2 + 2 AI + 6 H2O -> Ca[AI(OH)4]2 + 3 H2)..

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

Chemical name	ACGIH	Australia	Austria	Belgium	Bulgaria
Calcium hydroxide		5 mg/m ³	TWA: 1 mg/m ³	1 mg/m³ TWA	STEL: 4 mg/m ³
1305-62-0		_	STEL 4 mg/m ³	(alveolar fraction)	TWA: 1 mg/m ³
				STEL 4 mg/m ³	_
Chemical name	Croatia	Czech Republic	Denmark	Finland	France
Calcium hydroxide	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 5 mg/m ³
1305-62-0	STEL: 4 mg/m ³	Ceiling: 4 mg/m ³	TWA: 5 mg/m ³	STEL: 4 mg/m ³	
Chemical name	Germany	Greece	Hungary	Ireland	Italy
Calcium hydroxide	TWA: 1 mg/m ³	TWA 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³
1305-62-0		STEL 4 mg/m ³	STEL: 4 mg/m ³	STEL: 4 mg/m ³	_
Chemical name	Latvia	Lithuania	Netherlands	Norway	Poland
Calcium hydroxide	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	STEL: 4 mg/m ³
1305-62-0	STEL: 4 mg/m ³	STEL: 4 mg/m ³	STEL: 4 mg/m ³	STEL: 4 mg/m ³	STEL: 6 mg/m ³
					TWA: 2 mg/m ³
					TWA: 1 mg/m ³
Chemical name	Portugal	Romania	Russia	Slovakia	Slovenia
Calcium hydroxide	TWA: 1 mg/m ³	TWA: 1 mg/m ³	MAC: 2 mg/m ³	TWA: 5 mg/m ³	TWA: 1 mg/m ³
1305-62-0	STEL: 4 mg/m ³	STEL: 4 mg/m ³	Skin		STEL: STEL mg/m ³
Chemical name	Spain	Sweden	Switzerland	United Kingdom	
Calcium hydroxide	TWA: 1 mg/m ³	TLV: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³	
1305-62-0	STEL: 4 mg/m ³	Binding STEL: 4	STEL: 4 mg/m ³	TWA: 5 mg/m ³	
		mg/m³		STEL: 4 mg/m ³	
		_		STEL: 15 mg/m ³	

Derived No Effect Level (DNEL)No information available.

Predicted No Effect Concentration No information available.

(PNEC)

8.2. Exposure controls

Engineering Controls • All

• 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

· Provide local exhaust and/or general ventilation to maintain exposure below regulatory

and recommended limits

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles)

• (EN 166)

Hand Protection

· Wear protective nitrile rubber gloves

· Wear protective 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

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

· In case of insufficient ventilation, wear suitable respiratory equipment Respiratory protection

• Filtering Half-face mask (DIN EN 149)

• 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) **Recommended Filter type:**

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

No information available Color Odor No detectable odor. No information available **Odor threshold**

Remarks • Method Property Values

No data available None known pН 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 None known

Flammability Limit in Air

No data available

Upper flammability limit: Lower flammability limit: No data available

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

Water solubility Soluble in water Solubility(ies) No data available

None known Partition coefficient No data available None known Not applicable **Autoignition temperature** None known 580°Ċ **Decomposition temperature** None known **Viscosity** Not determined None known

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

9.2. Other information

No information available Softening point 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

Hazardous polymerization Keep away from water or moist air.

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

AcidsPaper

• (Ca(OH)2 + 2 AI + 6 H2O -> Ca[AI(OH)4]2 + 3 H2)..

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

Eye contact Risk of serious damage to eyes.

Skin contactCauses skin irritation.IngestionNo 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)	> 2500 mg/kg (Rat)	

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

No information available. . Readily biodegradable.

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 numberNot regulated14.2 UN proper shipping nameNot regulated

14.3 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

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

14.6 Special Provisions No.

ADR

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

14.6 Special Provisions No

IATA

14.1 UN numberNot regulated14.2 UN proper shipping nameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot 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) regulation (EC) 1005/2009

Not applicable

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 H315 - Causes skin irritation

under section 3 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