FOAMGLAS

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 26-Oct-2020 **Version** 1

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

1.1. Product identifier

Product Name PC® 58 Component A

Safety data sheet number OCPC00057

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

Recommended Use
- Adhesives and/or sealants
- 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	+(371)-66165504
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
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1B

2.2. Label elements

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

Signal word **Danger**

Hazard statements
H350 - May cause cancer
H319 - Causes serious eye irritation
H315 - Causes skin irritation

Contains
Contains N,N′-methylenedimorpholine;N,N′-methylenebismorpholine;[formaldehyde releasedfrom N,N′-methylenebismorpholine];[MBM]. May produce an allergic reaction

Precautionary Statements
P201 - Obtain special instructions before use
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention

P337 + P313 - If eye irritation persists: Get medical advice/attention
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Other hazards
No other specific hazard has been identified.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature
emulsion.

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Non-hazardous	-	9999-99-9	>95	No data available	No data available
Sodium hydroxide	215-185-5	1310-73-2	<=1	Skin Corr. 1A (H314) specific conc. limit >= 5%: skin corr. 1A, H314 2 - 5%: skin corr. 1B, H314 0,5 - 2%: skin irrit. 2, H315 0,5 - 2%: eye irrit.2, H319 >=1%:met.corr.1, H290	No data available
N,N'-Methylenebismorpholine	227-062-3	5625-90-1	<=0.15	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Muta. 2 (H341) Carc. 1B (H350) (EUH071) STOT RE 2 (H373)	No data available

Full text of H- and EUH-phrases: see section 16

Additional information
This mixture does not contain any substances to be mentioned according to the criteria of REACH Annex II Section 3.2

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
• Wash off immediately with soap and plenty of water
• If symptoms persist, call a physician
• Remove contaminated clothing and shoes

Eye contact
• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing
• If eye irritation persists: Get medical advice/attention

Ingestion

• **DO NOT** induce vomiting
• Rinse mouth with water (only if the person is conscious)
• Drink plenty of water
• If symptoms persist, call a physician

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

Symptoms

• Causes skin irritation
• Repeated or prolonged contact may cause allergic reactions in very susceptible persons
• Causes serious eye irritation
• May cause cancer

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

• Water spray (fog)
• Extinguishing powder
• Alcohol resistant foam
• 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.

Hazardous combustion products Hydrocarbons. Carbon monoxide. Hydrogen sulfide.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Evacuate personnel to safe areas. Cool drums with water spray. Avoid release to the environment. Use personal protective equipment as required. Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

• Evacuate personnel to safe areas
• Ventilate affected area
• Avoid contact with eyes and skin
• Avoid creating dust

For emergency responders

• Use personal protections recommended in Section 8
• Have procedures in place for emergency decontamination

6.2. Environmental precautions

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

• Stop leak if you can do it without risk

Methods for cleaning up

• Dam up
• Take up with sand, earth or other non-combustible absorbent material
• Sweep up or vacuum up spillage and collect in suitable container for disposal.
• Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

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
• Do not breathe dust/fume/gas/mist/vapors/spray
• Avoid contact with skin, eyes or clothing
• Avoid release to the environment
• Obtain special instructions before use

General Hygiene Considerations

• Remove and wash contaminated clothing before re-use
• Wash hands before breaks and immediately after handling products
• Keep away from food, drink and animal feeding stuffs
• 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 from freezing
• Keep/store only in original container
• Keep at temperatures between 5 and 30 °C
• Product may release Hydrogen Sulfide: a specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances
• Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Incompatible materials

• Strong oxidizing agents

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
Sodium hydroxide 1310-73-2 (<=1)		2 mg/m³ Peak	TWA: 2 mg/m³ STEL 4 mg/m³		TWA: 2.0 mg/m³
Component	**Croatia**	**Czech Republic**	**Denmark**	**Finland**	**France**
Sodium hydroxide 1310-73-2 (<=1)	STEL: 2 mg/m³	TWA: 1 mg/m³ Ceiling: 2 mg/m³	Ceiling: 2 mg/m³	Ceiling: 2 mg/m³	TWA: 2 mg/m³
Component	**Germany**	**Greece**	**Hungary**	**Ireland**	**Italy**
Sodium hydroxide 1310-73-2 (<=1)		TWA 2 mg/m³ STEL 2 mg/m³	TWA: 1 mg/m³ STEL: 2 mg/m³	STEL: 2 mg/m³	
Component	**Latvia**	**Lithuania**	**Netherlands**	**Norway**	**Poland**
Sodium hydroxide 1310-73-2 (<=1)	TWA: 0.5 mg/m³			Ceiling: 2 mg/m³	STEL: 1 mg/m³ TWA: 0.5 mg/m³
Component	**Portugal**	**Romania**	**Russia**	**Slovakia**	**Slovenia**
Sodium hydroxide	Ceiling: 2 mg/m³			TWA: 2 mg/m³	

1310-73-2 (<=1)					
Component	**Spain**	**Sweden**	**Switzerland**	**United Kingdom**	
Sodium hydroxide 1310-73-2 (<=1)	STEL: 2 mg/m³	TLV: 1 mg/m³ Binding STEL: 2 mg/m³	TWA: 2 mg/m³ STEL: 2 mg/m³	STEL: 2 mg/m³	

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls • Ensure adequate ventilation, especially in confined areas

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 butyl rubber 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

Skin and body protection • Suitable protective clothing

Respiratory protection • No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

Environmental exposure controls • Avoid release to the environment
• 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	Liquid
Appearance	Paste
Color	Black
Odor	Characteristic.
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	10 - 11	@ 20 °C
Melting point / freezing point	0 °C	None known
Boiling point / boiling range	100 °C	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	23 hPa	None known
Density VALUE	1 g/cm3	None known
Relative density	No data available	None known
Water solubility	Miscible in water	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 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 Temperatures above 100 °C / 212 °F.

10.5. Incompatible materials

Incompatible materials • Strong oxidizing agents

10.6. Hazardous decomposition products

Hazardous Decomposition Products Hydrogen sulfide Hydrocarbons Carbon monoxide

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	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	No data available.

Skin corrosion/irritation Irritating to skin

Serious eye damage/eye irritation Irritating to eyes.

Sensitization No information available

Germ cell mutagenicity No information available.

Carcinogenicity May cause cancer.

Reproductive toxicity No information available.

STOT - single exposure No information available

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
Sodium hydroxide	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium hydroxide	-	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	-

12.2. Persistence and degradability

Not readily biodegradable.

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 material to run into surface waters, waste water or soil

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 03 02

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

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)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
N,N'-Methylenebismorpholine - 5625-90-1	Use restricted. See item 28.	

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

H373 - May cause damage to organs through prolonged or repeated exposure
H318 - Causes serious eye damage
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H341 - Suspected of causing genetic defects
H350 - May cause cancer
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction

Legend

*****	Skin designation	**Ceiling**	Maximum limit value
STEL	STEL (Short Term Exposure Limit)	**TWA**	TWA (time-weighted average)

Revision Date 26-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