

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

Revision Date 01-Feb-2021

Version 1

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

1.1. Product identifier

Product Name PC 80M Liquid
Safety data sheet number OCPC00019

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

Recommended Use
• Adhesives
• Restricted to professional users

1.3. Details of the supplier of the safety data sheet

Supplier Address 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

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	Vergiftungsinformationszentrale (Poisons Information Centre) +43 1 406 43 43
Belgium	Centre Anti-Poisons/Antigifcentrum/Giftnotrufzentrals/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	Giftlinjen/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	Giftinformasjonene 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)

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

EUH210 - Safety data sheet available on request

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 name	EC No.	CAS No.	Weight-%	2.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)	REACH Registration Number
Amorphous silica	231-545-4	7631-86-9	10-25	No data available	01-2119379499-16-XX XX
Benzene, 1,1'-oxybis-, tetrapropylene derivs.,	-	119345-04-9	0.09	Skin Irrit.2 (H315) Eye Irrit.2 (H319)	No data available

sulfonated, sodium salts					
Sodium sulfate	231-820-9	7757-82-6	0.002	No data available	No data available

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

Additional information

Substance with a Community workplace exposure limit

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	• Remove to fresh air
Skin contact	• Wash off immediately with soap and plenty of water • Wash contaminated clothing before reuse • If symptoms persist, call a physician
Eye contact	• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes • If eye irritation persists: Get medical advice/attention
Ingestion	• Rinse mouth • DO NOT induce vomiting • If symptoms persist, call a physician

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

Symptoms	• May cause eye irritation
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	• Water spray (fog) • Alcohol resistant foam • Carbon dioxide (CO₂) • Extinguishing powder
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Unsuitable extinguishing media	None known
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5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	No information available.
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5.3. Advice for firefighters

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Evacuate personnel to safe areas. Cool drums with water spray. Provide adequate ventilation.
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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
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

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

- Take up mechanically, placing in appropriate containers for disposal

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 protections recommended in Section 8
- Avoid contact with eyes
- Avoid breathing vapors or mists
- Avoid creating dust

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
- Take off all contaminated clothing and wash it before reuse

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

- Keep from freezing
- Keep container tightly closed in a dry and well-ventilated place
- Keep at temperatures between 2 °C and 43 °C

Incompatible materials

- None known based on information supplied

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
Amorphous silica 7631-86-9 (10-25)		2 mg/m ³	TWA: 4 mg/m ³		
Component	Croatia	Czech Republic	Denmark	Finland	France
Amorphous silica 7631-86-9 (10-25)		TWA: 0.1 mg/m ³ TWA: 4.0 mg/m ³		TWA: 5 mg/m ³	
Component	Germany	Greece	Hungary	Ireland	Italy
Amorphous silica 7631-86-9 (10-25)	TWA: 4 mg/m ³			TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ STEL: 18 mg/m ³ STEL: 7.2 mg/m ³	
Component	Latvia	Lithuania	Netherlands	Norway	Poland
Amorphous silica 7631-86-9 (10-25)	TWA: 1 mg/m ³			TWA: 1.5 mg/m ³ STEL: 3 mg/m ³	
Sodium sulfate 7757-82-6 (0.002)	TWA: 10 mg/m ³	TWA: 10 mg/m ³			

Component	Portugal	Romania	Russia	Slovakia	Slovenia
Amorphous silica 7631-86-9 (10-25)			TWA: 1 mg/m ³ TWA: 2 mg/m ³ STEL: 3 mg/m ³ STEL: 6 mg/m ³		TWA: 4 mg/m ³
Sodium sulfate 7757-82-6 (0.002)			MAC: 10 mg/m ³		
Component	Spain	Sweden	Switzerland	United Kingdom	
Amorphous silica 7631-86-9 (10-25)			TWA: 4 mg/m ³	TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ STEL: 18 mg/m ³ STEL: 7.2 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 • Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye/face protection

- Wear safety glasses with side shields (or goggles)
- (EN 166)

Hand Protection

- Wear protective gloves
- Gloves must conform to standard EN 374

Skin and body protection

Respiratory protection

- Suitable protective clothing
- In case of inadequate ventilation wear respiratory protection
- 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 • No information available

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	No information available
Color	Clear
Odor	Odorless.
Odor threshold	No information available

Property	Values	Remarks • Method
pH	9.2 – 10.4 (@25°C)	
Melting point / freezing point	0	
Boiling point / boiling range	100 - 100 °C	
Flash point	Not applicable	
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 @ 20°C	
Density VALUE	No data available	None known
Relative density	1.1 – 1.3 g/cm ³ @ 20°C	
Water solubility	Miscible in water	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable	
Decomposition temperature	No data available	None known
Viscosity	Not determined	None known
Dynamic viscosity	20 - 45 mPa.s (25°C)	
Explosive properties	No information available	

Oxidizing properties	No information available
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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
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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	Keep at temperatures between 2 and 43 °C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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10.5. Incompatible materials

Incompatible materials	• No information available
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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

Ingestion	No data available.
Skin corrosion/irritation	No information available
Serious eye damage/eye irritation	No information available.
Sensitization	No information available
Germ cell mutagenicity	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Reproductive toxicity	No information available.
STOT - single exposure	No information available
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

Components Information

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Amorphous silica	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2.08 mg/L (Rat) 4 h
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	
Sodium sulfate	> 10000 mg/kg (Rat)		

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Amorphous silica	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static	7600: 48 h Ceriodaphnia dubia mg/L EC50
Sodium sulfate	-	13500 - 14500: 96 h Pimephales promelas mg/L LC50 6800: 96 h Pimephales promelas mg/L LC50 static 3040 - 4380: 96 h Lepomis macrochirus mg/L LC50 static 13500: 96 h Lepomis macrochirus mg/L LC50	2564: 48 h Daphnia magna mg/L EC50

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
Contaminated packaging	• 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**National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number	Title
Amorphous silica 7631-86-9	RG 25	-

Germany

Water hazard class (WGK) Low hazard to waters

TA Luft (German Air Pollution Control Regulation) Not applicable

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****Legend**

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

Revision Date 01-Feb-2021

Revision Note Update of document format

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

End of Safety Data Sheet