

EU Material safety data sheet

PITTSEAL® CW sealant

valid for

**Adhesive for foamglass, PITTSEAL® CW sealant,
cartridge á 290 ml**

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**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 16-Feb-2021

Version 1

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

1.1. Product identifier

Product Name PITTSEAL® CW Sealant EU

Safety data sheet number OCPC00052

Pure substance/mixture Mixture

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

Recommended Use

- Sealant
- Restricted to professional users

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

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

2.2. Label elements

Signal word

No

Contains

Contains N-(3-(trimethoxysilyl)propyl)ethylethanediamine, dioctyltinbis(acetylacetonate), N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine. May produce an allergic reaction

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	REACH Registration Number
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				(CLP)	
Trimethoxyvinylsilane	220-449-8	2768-02-7	1-<5	Flam. Liq. 3 (H226) Acute Tox. 4 (H332)	01-2119513215-52

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!.
Inhalation	• Remove to fresh air • If symptoms persist, call a physician
Skin contact	• Non-irritating during normal use
Eye contact	• In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Ingestion	• If symptoms persist, call a physician

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

Symptoms	• No information available
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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	• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
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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	Wear self-contained breathing apparatus and protective suit.
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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
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6.2. Environmental precautions

Environmental precautions	• Do not allow into any sewer, on the ground or into any body of water
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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	• Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder,

sawdust)

- Take up mechanically, placing in appropriate containers for disposal

6.4. Reference to other sections

Reference to other sections

- See Section 7 for more information
- 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

General Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

- Keep container tightly closed in a dry and well-ventilated place

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

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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

Hand Protection

Skin and body protection

Respiratory protection

- Wear safety glasses with side shields (or goggles)
- Gloves must conform to standard EN 374
- Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves
- Suitable protective clothing
- In case of insufficient ventilation, wear suitable respiratory equipment
- 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

Paste

Appearance

Paste

Color

Miscellaneous

Odor	Characteristic.	
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	
Boiling point / boiling range	> 34 °C	
Flash point	> 100 °C	
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	1.58 g/cm3 at 20 C	
Relative density	No data available	
Water solubility	partially miscible	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not selfigniting	
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	
<u>9.2. Other information</u>		
Softening point	No information available	
Molecular weight	No information available	
VOC	2,32-2,44 % 36,7-38,6 g/l	
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 None known.

10.5. Incompatible materials

Incompatible materials • No information available

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal use conditions

Section 11: TOXICOLOGICAL INFORMATION

Product Information

Ingestion	Product does not present an acute toxicity hazard based on known or supplied information Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 9,842.70 mg/kg

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Trimethoxyvinylsilane	= 7340 µL/kg (Rat)	= 3.54 mL/kg (Rabbit)	

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Trimethoxyvinylsilane	-	191: 96 h Oncorhynchus mykiss mg/L LC50 not specified	-

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

Endocrine Disruptor Information .

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	• 08 04 10

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) A

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 under section 3

H226 - Flammable liquid and vapor
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H411 - Toxic to aquatic life with long lasting effects

Legend

*	Skin designation	**	Hazard Designation
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)	CAS	Chemical Abstracts Service (division of the American Chemical Society)
Ceiling	Maximum limit value	EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances	GHS	Globally Harmonized System
IATA	International Air Transport Association codes	IMDG	International Maritime Dangerous Goods code
STEL	STEL (Short Term Exposure Limit)	TWA	TWA (time-weighted average)
VOC	Volatile organic compounds		

Revision Date 16-Feb-2021

Revision Note New Product

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

Disclaimer

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End of Safety Data Sheet