

Safety data sheet

according to 1907/2006/EC, Article 31

Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite



Version 1.4

Revision: 15.12.2021

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite

1.2 Relevant application of the substance or mixture and uses advised against

No further relevant information available

Application of the substance / the mixture: Spacing sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier

SIGA Cover AG

Rütmattstr. 7

CH-6017 Ruswil

Tel. + 41 (0) 41 499 69 69

www.siga.swiss

Further information available from: technik@siga.swiss

1.4 Emergency telephone number: + 41 (0)41 499 69 69 during opening hours.

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EG) Nr. 1272/2008. The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EG) Nr. 1272/2008: void

Hazard pictograms: void

Signal word: void

Hazard statements: void

Additional information

Ensure good ventilation during application and curing.

EUH208 Contains trimethoxyvinylsilane 3-(2-aminoethylamino)-propyltrimethoxysilan. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

During the application and curing process of the material chemicals are released as vapour (see item 11).

Therefore, ensure good ventilation or exhaustion if necessary.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Chemical characterisation: Mixtures

Description: Sealant based on silane-terminated polymers (hybrid).

Dangerous components

CAS: 2768-02-7	Trimethoxyvinylsilane	≥0,1- <2,5%
EINECS: 220-449-8	Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317	
Reg.nr.:		
01-2119513215-52		

Additional information: For the wording of the listed hazard phrases refer to section 16.

Safety data sheet

according to 1907/2006/EC, Article 31

Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite



Version 1.4

Revision: 15.12.2021

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water and contact doctor. Remove contact lenses.

After swallowing

Do not induce vomiting. Call for medical help immediately. Show container or label.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases. Mount respiratory protective device.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation.

6.2 Environmental precautions:

Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13. Pick up mechanically.

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at workplace. See item 8: Personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well-sealed receptacles. Protect from heat and direct sunlight.

Storage class:

10/12 (TRGS510) Liquids

Safety data sheet

according to 1907/2006/EC, Article 31

Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite

Version 1.4
Revision: 15.12.2021

7.3 Specific end use(s):
No further relevant information available.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: Use appropriate local exhaust.

8.1 Control parameters

Ingredients with limit values requiring monitoring at the workplace

CAS: 67-56-1	Methanol	
	OES	Long-term value: 266 mg/m ³ , 200 ppm Short-term value: 333 mg/ m ³ , 250 ppm Sk, ILV

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. The usual precautionary measures are to be adhered to when handling chemicals. Avoid contact with the eyes and skin.

Respiratory protection:

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type ABEK according to standard EN 14387) is used.

Protection of hands: Protective gloves.

The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

Nitrile rubber, recommended thickness of the material: > 0,4 mm, Penetration time of glove material: Break-through time 10-30 min

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Eye protection: Safety glasses.

Body protection: Protective work clothing.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form:	Pasty
Colour:	According to product specification
Odour:	alcohol-like
Odour threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
-------------------------------	---------------

Safety data sheet

according to 1907/2006/EC, Article 31

Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite



Version 1.4

Revision: 15.12.2021

Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Decomposition temperature:	Not applicable.
Auto igniting:	Undetermined.
Danger of explosions:	Product does not present an explosion hazard. However, the formation of explosive air/vapour mixtures are possible.
Explosion limits	
Lower:	Not applicable.
Upper:	Not applicable.
Oxidising properties:	Not determined.
Vapour pressure:	Not determined.
Density:	See technical datasheet.
Vapour density:	Not applicable.
Evaporation rate:	Not determined.
Solubility in/Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient: n-Octanol/water:	Not determined.
Viscosity:	Not determined.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided:

No decomposition if used according to specifications. Avoid strong heating.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.6 Hazardous decomposition Products: See item 5.2

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

CAS: 2768-02-7	Trimethoxyvinylsilane		
	Oral	LD50	7,100 mg/kg (rat)
	Dermal	LD50	3,200 mg/kg (rab)
	Inhalativ	LC50/4h	16.8 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Dermal: not sensitizing.

Source: conclusion by analogy.

Test report according to OECD guideline 406 (Guinea Pigs)

Other information (about experimental toxicology)

Product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damages to organs. Methanol is highly flammable. Inhalation of aerosol spray may damage health.

Safety data sheet

according to 1907/2006/EC, Article 31

Meltell 310 white / 311 white / 320 black / 330 grey / 332 anthracite

Version 1.4

Revision: 15.12.2021

Dangerous substances mentioned by name – Attachment I: None of the ingredients is contained.

Guideline 2011/65/EU for the restriction of the use of certain dangerous substances in electro- and electronic devices – Attachment II: None of the ingredients is contained.

Regulation (EU) 2019/1148

Attachment I – Restricted starting materials for explosive substances (upper concentration limit for a permit according to article 5 paragraph 3)

None of the ingredients is contained.

Attachment II – Reportable starting materials for explosive substances

None of the ingredients is contained.

National regulations

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water

Details of international registration status

Listed on or in accordance with the following inventories

AICS – Australia	listed
REACH – Europe	listed
DSL - Canada	listed
IECSC - China	not listed
ENCS - Japan	not listed
NZIoC - New Zealand	listed
PICCS - Philippines	not listed
ECL - Korea	listed
TSCA - USA	listed
TCSI - Taiwan	listed

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: quality management

Relevant phrases

H226 Flammable liquid and vapour

H317 May cause allergic skin reactions.

H332 Harmful if inhaled

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS : Globally Harmonised System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4 : Acute toxicity – Category 4

Skin Sens. 1B: Sensibilization of the skin – category 1B