



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008
This SDS is for generic information purposes and does not reflect required country specific
information for OEL

**BOSTIK S730 SILICONE GLAS & WETROOM MANHATTAN
GREY**
Supersedes date 06-Aug-2024

Revision date 06-Aug-2024
Revision Number 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name BOSTIK S730 SILICONE GLAS & WETROOM MANHATTAN GREY
Form This substance/ mixture contains nanoforms

Other means of identification

Pure substance/mixture Mixture

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

Recommended use Sealant Joint sealants
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik GmbH
Niederlassung Schwepnitz
Industriestraße 1-7
D-01936 Schwepnitz
Germany
Tel. +49 (0)35797 646 0
Fax +49 (0)35797 646 190

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

Emergency Telephone 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to
Regulation (EC) No. 1272/2008
[CLP]

Chronic aquatic toxicity	Category 3 - (H412)
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2.2. Label elements

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

EU Specific Hazard Statements

EUH208 - Contains 2-n-Butyl-benzo[d]isothiazol-3-one [BBIT]. May produce an allergic reaction

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Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing.

PBT & vPvB

This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT). This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No (EU Index No).	CAS No..	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	REACH registration number
Triacetoxyp(ropyl)silane 1 - <3 %	241-816-9	17865-07-5	Skin Corr. 1B (H314) (EUH071)	-	-	-	01-2119966899-07-XXXX
Silanetriol, methyl-, triacetate 1 - <2.5 %	224-221-9	4253-34-3	Skin Corr. 1C (H314) Acute Tox. 4 (H302) (EUH014)	-	-	-	01-2119962266-32-XXXX
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] 0.1 - <0.5 %	236-675-5 (022-006-00-2)	13463-67-7	Carc. 2 (H351i)	-	-	-	01-2119489379-17-XXXX
2-n-Butyl-benzo[d]isothia zol-3-one [BBIT] 0.1 - <0.3 %	420-590-7 (606-079-00-3)	4299-07-4	Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	10	1	-
Octamethylcyclotetrasil oxane [D4] 0.05 - <0.1 %	209-136-7 (014-018-00-1)	556-67-2	Repr. 2 (H361f) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) PBT vPBT	-	-	10	01-2119529238-36-XXXX

Air contaminants formed when using the substance or mixture as intended

Chemical name	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	REACH registration number
Acetic acid 64-19-7	200-580-7 (607-002-00-6)	Skin Corr. 1A (H314) Flam. Liq. 3 (H226)	Eye Irrit. 2 :: 10%≤C<25% Skin Corr. 1A :: C≥90% Skin Corr. 1B :: 25%≤C<90%	-	-	01-2119475328-30-XXXX

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			Skin Irrit. 2 :: 10%<=C<25%			
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Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE_{mix}) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Triacetoxyp(ropyl)silane	241-816-9	17865-07-5	-	-	-	-	-
Silanetriol, methyl-, triacetate	224-221-9	4253-34-3	1600	-	-	-	-
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	236-675-5 (022-006-00-2)	13463-67-7	-	-	-	-	-
2-n-Butyl-benzo[d]isothiazol-3-one [BBIT]	420-590-7 (606-079-00-3)	4299-07-4	-	-	-	-	-
Octamethylcyclotetrasiloxane [D4]	209-136-7 (014-018-00-1)	556-67-2	-	-	-	-	-

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Notes

See section 16 for more information

Chemical name	Notes
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] - 13463-67-7	V,W,10

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If medical advice is needed, have product container or label at hand.
Inhalation	Remove to fresh air. If symptoms persist, call a doctor.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Call a doctor or poison control centre immediately.

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

Symptoms None known.
Effects of Exposure No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters 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 Ensure adequate ventilation. Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

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

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Advice on safe handling Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs.

Recommended storage temperature Keep at temperatures between 10 and 35 °C. Do not freeze.

7.3. Specific end use(s)

Specific use(s)
Sealant. Joint sealants.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Chemical name	European Union
Acetic acid 64-19-7	TWA: 25 mg/m ³ TWA: 10 ppm STEL: 50 mg/m ³ STEL: 20 ppm

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)			
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Local health effects	Inhalation	10 mg/m ³	

Derived No Effect Level (DNEL)			
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Oral	700 mg/kg bw/d	

Predicted No Effect Concentration No information available.

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Predicted No Effect Concentration (PNEC)	
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

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). Eye protection must conform to standard EN 166.

Hand protection Wear suitable gloves. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. 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 Wear suitable protective clothing.

Respiratory protection In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387. White. Brown.

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Paste
Colour Light grey
Odour Acetic acid.

Property	Values	Remarks • Method
Melting point / freezing point	No data available	Data technically impossible to obtain
Initial boiling point and boiling range	No data available	Data technically impossible to obtain
Flammability	No data available	
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	> 100 °C	CC (closed cup)
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	.	Not applicable. Insoluble in water.
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	> 21 mm ² /s	@ 40°C
Dynamic viscosity	No data available	
Water solubility	Insoluble in water. Product cures with moisture	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known

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Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	
Density	1.01 - 1.03 g/cm ³	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

Solid content (%)	No information available	
VOC content		No data available

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Product cures with moisture.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture. Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

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Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral)	>2000 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapour)	>20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silanetriol, methyl-, triacetate	LD50 = 1600 mg/kg (Rattus) OECD 401	-	-
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	> 5000 mg/kg (Rattus) OECD 425	LD50 > 10000 mg/Kg	= 5.09 mg/L (Rattus) 4 h
2-n-Butyl-benzo[d]isothiazol-3-one [BBIT]	4267 - 4732 mg/Kg (Rattus)	LD50: 4500 mg/Kg (Rattus)	-
Octamethylcyclotetrasiloxane [D4]	LD50 > 4800 mg/kg (Rattus) OECD 401	LD50 > 2400 mg/kg (Rattus) OECD 402	=36 g/m ³ (Rattus) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

Product Information					
Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal		6 days	Product score <=1 Non-irritant

2-n-Butyl-benzo[d]isothiazol-3-one [BBIT] (4299-07-4)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal		1 - 4 hours	corrosive

Serious eye damage/eye irritation The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

Product Information					
Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	eye		6 days	Product score <=1 Non-irritant

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Respiratory or skin sensitisation May produce an allergic reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Component Information

Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic in AMES Test
OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes	Mammalian cells, in vitro	Negative
OECD Test No. 473: In vitro Mammalian Chromosome Aberration Test	in vitro	Negative
OECD Test No. 474: Mammalian Erythrocyte Micronucleus Test	Mouse, in vivo: Inhalation	Negative
OECD Test No. 474: Mammalian Erythrocyte Micronucleus Test	Rat, in vivo: Oral	Negative

2-n-Butyl-benzo[d]isothiazol-3-one [BBIT] (4299-07-4)

Method	Species	Results
OECD 476	Mouse	Not mutagenic

Carcinogenicity Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]	Carc. 2

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

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Octamethylcyclotetrasiloxane [D4]	Repr. 2

Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

Method	Species	Results
OECD Test No. 414: Pre-natal Development Toxicity Study	Rat	Based on available data, the classification criteria are not met NOAEL 1000 mg/kg bw/d

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.

11.2. Information on other hazards

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11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Triacetoxyp(ropyl)silane 17865-07-5	EC50 (72h): approx. 24 mg/l (Pseudokirchhenriella subpicata)	LC50 (96h) = 108.89 mg/L	-	EC50 (48h) = 89.59 mg/L		
Silanetriol, methyl-, triacetate 4253-34-3	EC50 (72h): >500 mg/l (Pseudokirchnerella subcapitata)	LC50 (96h) >500 mg/l (Brachydanio rerio)	-	EC50 (48h) >500 mg/l (Daphnia magna)		
Titanium Dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-		
2-n-Butyl-benzo[d]isothiazol-3-one [BBIT] 4299-07-4	EC50 (72h) 0,45 mg/l (Desmodesmus subspicatus)	LC50 (96h) 0.15 mg/l (Oncorhynchus mykiss) OECD 203	IC10 (6h) ca. 0,2 mg/l (Pseudomonas putida)	EC50 (48h) 0,093 mg/l (Daphnia magna) OECD 202	10	1
Octamethylcyclotetrasiloxane [D4] 556-67-2	-	LC50: >1000mg/L (96h, Lepomis macrochirus) LC50: >500mg/L (96h, Brachydanio rerio)	-	EC50: =25.2mg/L (24h, Daphnia magna)		10

12.2. Persistence and degradability

Persistence and degradability No information available.

Titanium Dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)

Method	Exposure time	Value	Results
			The methods for determining biodegradability are not applicable to inorganic substances

12.3. Bioaccumulative potential

Bioaccumulation

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Component Information

Chemical name	Partition coefficient
Triacetoxyp(ropyl)silane	1.23
Silanetriol, methyl-, triacetate	-2.4
2-n-Butyl-benzo[d]isothiazol-3-one [BBIT]	2.86
Octamethylcyclotetrasiloxane [D4]	6.49

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product contains substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Triacetoxyp(ropyl)silane	The substance is not PBT / vPvB
Silanetriol, methyl-, triacetate	The substance is not PBT / vPvB
Titanium Dioxide[in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]	The substance is not PBT / vPvB
Octamethylcyclotetrasiloxane [D4]	PBT / vPvB substance

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Handle contaminated packages in the same way as the product itself.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Other information Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Note: Keep from freezing.

Land transport (ADR/RID)

14.1 UN number or ID number Not regulated

14.2 UN proper shipping name -

14.3 Transport hazard class(es) Not regulated

14.4 Packing group Not regulated

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions None

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IMDG

14.1 UN number or ID 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	NP
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	
Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID 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 precautions for user	
Special Provisions	None

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Biocidal Products Regulation (EU) No 528/2012 (BPR)

This product contains a biocidal product 2-n-Butyl-benzo[d]isothiazol-3-one [BBIT] for the preservation of the dry film

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Dangerous substance category per Seveso Directive (2012/18/EU)

O1 - Substances or mixtures with hazard statement EUH014

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

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Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

National regulations

France

Germany

Ordinance on Industrial Safety and Health - Germany - BetrSichV

No flammable liquids in accordance with BetrSichV

Water hazard class (WGK) obviously hazardous to water (WGK 2)

TRGS - 510 Storage Class Storage Class 12 : Non-combustible liquids
TA Luft (German Air Pollution Control Regulation)

Netherlands

List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)

Not Listed

Chemical name	Netherlands - List of Carcinogens
Octamethylcyclotetrasiloxane [D4] 556-67-2	Fertility (Category 2)

Denmark

Registration number(s) (P-no.) No information available

Norway

Registration number(s) (PRN-no.) No information available

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

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

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H351i - Suspected of causing cancer if inhaled

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Notes relating to the identification, classification and labelling of substances

Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or

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1A) and/or additional routes of exposure (oral or dermal) should be applied

Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung

Notes relating to the classification and labelling of mixtures

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	Sk*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	On basis of test data
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGl(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications

Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

Disclaimer

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End of Safety Data Sheet