

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

1.1. Product identifier

Product name:	Silicone Sanitary
Produkt identifier:	Silicon Acetat MF BI
Synonyme:	SAS24

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

Use of the substance/mixture:	Sealant
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1.3. Details of the supplier of the safety data sheet

Company	Dichtstofftechnik Müller & Müller GmbH & Co.KG Dübener Landstraße 1 06905 Bad Schmiedeberg OT Söllichau
Telephon	+49 34 2 43 / 34 55 - 00
Fax	+49 34 2 43 / 34 55 - 20
e-Mail	info@dstm24.de

1.4. Emergency number

Giftnotrufzentrale Berlin, 24 h daily: +49 (0) 30 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Precautionary statements	P102 Keep out of reach of children..
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Special labelling of certain mixtures

EUH208 Aminoethylamino-propyltrimethoxysilan, Octhilinon (ISO); 2-Octyl-2H-isothiazol-3-on; [OIT]. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Additional advice on labelling

OIT(2-Octyl-2H-isothiazole-3-on) is encapsulated in the mixture and therefore only available in a small amount freely. In a mixture with similar composition there was no hint of a sensitizing effect in the Buehler test (OECD No. 406). A classification of this silicone with GHS 07 / Warning / H317 is not intended.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS-NO	Chemical name			Quantity
	EG No	Index No	REACH No	
	GHS Classification			
	Hydrocarbons, C15-C20, n-Alkanes, Isoalkane, Cyclic compounds, < 0,03% Aromatics			10-40 %
	934-956-3		01-2119827000-58	
	Asp. Tox. 1; H304			
17689-77-9	ETA - Ethyltriacetoxysilane			1-4 %
	241-677-4		01-2119881778-15	
	Acute Tox. 4, Skin Corr. 1B; H302 H314 EUH071			
26530-20-1	Octhilinon (ISO); 2-Octyl-2H-isothiazol-3-on; [OIT]			0 - 0,02 %
	247-761-7	613-112-00-5		
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EG No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	934-956-3	Hydrocarbons, C15-C20, n-Alkanes, Isoalkane, Cyclic compounds, < 10 - 40 % 0,03% Aromatics	10-40 %
	inhalation: LC50 = > 5266 mg/l (Dämpfe); dermal: LD50 = > 3160 mg/kg; oral: LD50 = > 5000 mg/kg		
17689-77-9	241-677-4	ETA - Ethyltriacetoxysilan	1-4 %
	Oral: ATE = 500 mg/kg		
26530-20-1	247-761-7	Octhilinon (ISO); 2-Octyl-2H-isothiazol-3-on; [OIT]	0-0,02 %
	inhalation: ATE 0,27 mg/kg (dust or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0,0015 – 100 M acute; H400: M=100 M chron.; H410: M=100		

Further information

OIT is encapsulated in the mixture and therefore only available in a small amount freely (see section 2.2).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Provide adequate ventilation.

After contact with skin:

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist

After ingestion:

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.

After inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Irritation to respiratory tract. Conjunctival redness. For a preparation of very similar composition, minor reversible effects were observed but the preparation was not irritant to skin or eyes according to EU criteria. Product releases acetic acid during curing. After curing, product is odourless and indifferent.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings
Extinguishing powder
Water spray
jet. Foam
Carbon dioxide (Co₂)

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

5.3. Advice for firefighters

Use suitable breathing apparatus. Protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice: Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains

6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Clean with a cloth immediately. After curing, the product can be removed in most cases only mechanically

Other information

Treat the recovered material as prescribed in the section on waste disposal

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

Safe handling: see section 7

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: Ensure sufficient ventilation

Advice on general occupational hygiene

When using do not eat, drink, smoke, sniff

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight

7.3. Specific end use(s)

No data available

GISCODE/Product-Code: RS10

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values To date, no national critical limit values exist.

CAS No	Chemical name	ppm	mg/m ³	F/m ³		
26530-20-1	2-Octyl-2H-isothiazol-3-on		0,05 E		2(l)	

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Thermal hazards: not applicable

Respiratory protection: Usually no personal respiratory protection necessary

Hand protection Recommended glove material: E.g. butyl gloves, nitrile gloves

Recommended glove thickness: > 0,4 mm

Permeation time (maximum wear duration): > 1 h.Augen-/

Eye/face protection: Eye glasses with side protection

Skin protection: Protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid paste
colour: varios
Odour: characteristic
Odour threshold: not determined

Physical state:	Test method
Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not determined
Sublimation point:	not applicable
Softening point:	nicht bestimmt
Flash point:	> 150 °C ISO 2592
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-value:	not applicable
Viscosity / dynamic:	not determined
Viscosity / dynamic:	> 1000 mm ² /s ISO 3219 (at 40 °C)
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,0 g/cm ³

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: No data available

Other safety characteristics

Solvent content: VOC: < 30 g/l
VOC (CH): < 30 g/kg

Further Information not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

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Stable under recommended storage and handling conditions.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight. Protect from moisture.

10.5. Incompatible materials

Acid. Oxidising agent, strong. Reducing agent, strong. Water. Corrosive to metals

10.6. Hazardous decomposition products

Hazardous combustion products

SECTION 11: Toxicological information

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

Acute toxicity

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

CAS No.	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C15-C20, n-Alkanes, Isoalkanes, cyclic compounds, < 0,03% Aromaten				
	oral	LD50 > 5000 mg/kg	rat		OECD 401
	dermal	LD50 > 3160 mg/kg	rabbit		OECD 402
	Inhalation (4h) vapour	LC50 > 5266 mg/kg			
17689-77-9	ETA – Ethyltriacetoxysilan				
	oral	ATE 500 mg/kg			
26530-20-1	octhilinon (ISO); 2-Octyl-2H-isothiazol-3-one; [OIT]				
	oral	ATE 125 mg/kg			

	Dermal	ATE 311 mg/kg			
CAS No.	Chemical name				
	Exposition route	Dose	Species	Source	Method
	Inhalation dust/mist	ATE 0,27 mg/kg			

Irritation and corrosivity

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

Sensitising effects

Contains OIT. May produce an allergic reaction.

Carcinogenic/mutagenic/ toxic effects for reproduction

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.

11.2. Information on other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Chemical name					
	Aquatic toxicity	Dose	[h] l [d]	Species	Source	Method
	Hydrocarbones, C15-C20, n-Alkanes, Isoalkanes, cyclic compound, < 0,03% Aromatics					
	Acute fish toxicity	LL50 > 1028 mg/l	96 h	Scophtalamus maximus		OECD 203
	Acute algae toxicity	ErC50 > 10000 mg/l	72 h	Skeletonema costatum		ISO 10253
	Acute crustacea toxicity	EL50 > 3193 mg/l	48 h	Acartia tonsa		ISO 14669
17689-77-9	ETA – Ethyltriacetoxysilan					
	Acute fish toxicity	LC50 102,74 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 84,53 mg/l	48 h	Daphnia magna		
	Algae toxicity	NOEC 16,98 mg	3 d	Pseudokirchneriella subcapitata		

12.2. Persistence and degradability

Poorly biodegradable.

CAS No.	Chemical name			
	Methode	Value	d	Source
	Evaluation			
	Hydrocarbons, C15-C20, n-Alkanes, Isoalkanes, cyclic compounds, < 0,03% Aromatics			
	OECD 306	74 %	28	
	Easily biodegradable			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

practically insoluble

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No data available

12.7. Other adverse effects

No indication of other harmful effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste

List of Wastes Code - residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in
08 04 09

List of Wastes Code - used product

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in
08 04 09

List of Wastes Code - contaminated packaging

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in
08 04 09

Contaminated packaging

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Land transport (ADR/RID)	this this product is classified as non-hazardous for transport and is not a dangerous good in the sense of any transport regulations of this type of transport
Inland waterways transport (ADN)	this this product is classified as non-hazardous for transport and is not a dangerous good in the sense of any transport regulations of this type of transport
Marine transport (IMDG)	this this product is classified as non-hazardous for transport and is not a dangerous good in the sense of any transport regulations of this type of transport
Air transport (ICAO-TI/IATA-DGR)	this this product is classified as non-hazardous for transport and is not a dangerous good in the sense of any transport regulations of this type of transport
14.1. Environmental hazards	no one
14.2. Special precautions for user	No dangerous good in sense of this transport regulation.
14.3. Maritime transport in bulk according to IMO instruments	No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information	Restrictions on use (REACH, annex XVII): Entry 75
Additional information	Biocidal Products Regulation (EU 528/2012): "Contains a biocide: OIT. May produce an allergic reaction."
National regulatory information	
Water hazard class (D):	1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract
EUH208	Contains OIT. May produce an allergic reaction
EUH210	Safety data sheet available on request.

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.