

SODAL MULTI-PURPOSE SILICONE

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: SODAL MULTI-PURPOSE SILICONE

1.2 Use of the substance/preparation:

Sealant

1.3 Company/undertaking identification:

SODAL N.V.
 Everdongenlaan 18-20
 B-2300 Turnhout
 Tel: +32 14 42 42 31
 Fax: +32 14 44 39 71
 msds@soudal.com

1.4 Emergency telephone:

24h/24h: +32 14 58 45 45 (BIG)

2. Hazards identification

DSD/DPD

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
gas oil, unspecified	64742-46-7 265-148-2	C>10%	Xn: R65 R66	Asp. Tox. 1; H304	(1)(2)
triacetoxylethylsilane	17689-77-9 241-677-4	1%<C<5%	C; R34 R14	Skin Corr. 1B; H314	(1)
(benzene, conc<0.1%)					

(1) For R-phrases and H-statements in full: see heading 16
 (2) Substance with a Community workplace exposure limit

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air
 Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Wash immediately with lots of water
 Soap may be used
 Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water
 Do not apply neutralizing agents
 Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water
 Consult a doctor/medical service if you feel unwell

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5. Fire-fighting measures

5.1 Suitable extinguishing media:

- Polyvalent foam
- Dry chemical powder
- Carbon dioxide

5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

5.3 Special exposure hazards:

- Heating increases the fire hazard
- Upon combustion: formation of CO, CO₂ and small quantities of sulphur oxides, hydrogen chloride

5.4 Instructions:

- Take account of environmentally hazardous firefighting water
- Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

- Gloves
- Protective clothing
- Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

- Dam up the solid spill
- Prevent soil and water pollution
- Prevent spreading in sewers
- Use appropriate containment to avoid environmental contamination
- See heading 13

6.3 Methods for cleaning up:

- Cover the solid spill with sand/kieselguhr
- Scoop solid spill into closing containers
- Carefully collect the spill/leftovers
- Clean contaminated surfaces with a soap solution
- Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

- Keep away from naked flames/heat
- Observe normal hygiene standards
- Keep container tightly closed

7.2 Storage:

Safe storage requirements:

- Store in a dry area
- Store at room temperature
- Meet the legal requirements
- Max. storage time: 1 year(s)

Keep away from:

- oxidizing agents

Suitable packaging material:

- plastics

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

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8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

Regulatory exposure limit (The Netherlands)

Olienevel (minerale olie)	Time-weighted average exposure limit	- 5 mg/m ³
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Limit Value (Belgium)

Olie(minerale)(nevel)	Short time value	- ppm 10 mg/m ³
	Time-weighted average exposure limit	- ppm 5 mg/m ³

TLV (USA)

(Oil mist,mineral, highly refined)	Short time value	(10)(oilmist) mg/m ³
	Time-weighted average exposure limit	(5)(oilmist) mg/m ³

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Oil Mist (Mineral)	OSHA	ID 178SG		
Oil Mist (Mineral)	OSHA	ID 128		
Oil Mist (Mineral)	NIOSH	5026	filter	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

a) Respiratory protection:

Respiratory protection not required in normal conditions

Wear gas mask with filter type A if conc. in air > exposure limit

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Paste
Odour	Vinegar odour
Colour	Variable in colour, depending on the composition

9.2 Important health, safety and environmental information:

Flashpoint	> 100 °C
Relative density	0.9
Solubility in solvents	Soluble in organic solvents

9.3 Other information:

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

Stability

Stable under normal conditions

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10.2 Materials to avoid:

oxidizing agents

10.3 Hazardous decomposition products:

Upon combustion: formation of CO, CO₂ and small quantities of sulphur oxides, hydrogen chloride

11. Toxicological information

11.1 Acute toxicity:

triacetoxyethylsilane

LD50 oral (rat)	2415 mg/kg
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11.2 Chronic toxicity:

Not listed in carcinogenicity class (IARC,EC,TLV,MAK)

Not listed in mutagenicity class (EC,MAK)

Not classified as toxic to reproduction (EC)

gas oil, unspecified

TLV - Carcinogen	(A4)
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11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

ON CONTINUOUS EXPOSURE/CONTACT:

Dry skin

Cracking of the skin

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

No effects known

12. Ecological information

12.1 Ecotoxicity:

triacetoxyethylsilane

LC50 fishes

species	value	duration (h)	remarks
BRACHYDANIO RERIO	250 mg/l	96 h	

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	62 mg/l	48 h	

EC50 other aquatic organisms

species	value	duration (h)	remarks
SCENEDESMUS SUBSPICATUS	73 mg/l	72 h	

12.2 Mobility:

Volatile organic compounds (VOC)

VOC content (g/l)

Solubility in/reaction with water

< 2 %

<20 g/l

Literature reports: insoluble in water

Substance sinks in water

12.3 Persistence and degradability:

Biodegradability in water: no data available

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12.4 Bioaccumulative potential:

No bioaccumulation data available

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (1999/45/EC)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

08 04 10 : waste adhesives and sealants other than those mentioned in 08 04 09

Depending on branch of industry and production process, also other EURAL codes may be applicable

Can be considered as non hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Remove waste in accordance with local and/or national regulations

Do not discharge into drains or the environment. Dispose of at authorized waste collection point

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 02 : plastic packaging

14. Transport information

ADR

Transport	Not subject
UN number	-
Class	
Packing group	
Hazard identification number	
Classification code	
Labels	
Environmentally hazardous substance mark	

RID

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	

ADNR

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	

IMO

Transport	Not subject
UN number	-
Class	

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Packing group	
Labels	
Marine pollutant	
Environmentally hazardous substance mark	

ICAO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	
Environmentally hazardous substance mark	

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

15.2 National provisions:

The Netherlands

Waterbezwaarlijkheid (for NL)

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Waste identification other lists of waste materials

LWCA (the Netherlands): KGA category 05

Germany

WGK

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Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

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(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R14	Reacts violently with water
R34	Causes burns
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking

Full text of any H-statements referred to under headings 2 and 3:

H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.

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Full text of any classes referred to under headings 2 and 3:

Asp. Tox.	Aspiration hazard
Skin Corr.	Skin corrosion

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