PoliDent Document: **NAV-VL-29** Version: 01, 21.11.2019

SAFETY DATA SHEET according to Regulation 1907/2006/EC

POLI SILICONE – component A

Page 1 od 7

1. Identification of the Substance / Preparation and Company:

1.1 Product identifier:

Commercial product name: POLI SILICONE – component A

Duplicating silicone

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

Identified uses: Moulding diverse objects.

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

POLIDENT D.O.O. Street / mailbox: Volčja Draga 42

Country code. / postal code / city: 5293 Volčja Draga, Slovenija

Phone: +386/ 5 330 48 40 Fax: +386/ 5 330 48 70

E-mail / Website: polident@polident.si / www.polident.si

Further information obtainable from: POLIDENT D.O.O.

1.4 Emergency telephone number

Polident d.o.o.: +386 5 330 48 40

2. Hazards Identification:

2.1. Classification of the substance or mixture: The product has not been classified as hazardous according

to the legislation in force.

Classification according to Regulation (EC) No

1272/2008 as amended.

Not classified

2.2 Label Elements: Not applicable

Hazard summary:

Physical Hazards: No specific recommendations.

Health Hazards:

Inhalation:No specific symptoms noted.Eye contact:No specific symptoms noted.Skin Contact:No specific symptoms noted.Ingestion:No specific symptoms noted.Other Health Effects:No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

2.3 Other hazards: No data available.

3. Composition / Information on Ingredients:

3.2 Mixtures

General information: Mixture of organosiloxanes, additives.

Outroi ar irriorirria diorir.	mixtare or organismichanies, additivos.					
Chemical name	Concentration	CAS-No.	EC No.	REACH	M-Factor:	Notes
				Registration No.		
Dodecamethylcycloh exasiloxane	0,1 - <1%	540-97-6	208-762-8	01- 2119517435- 42-0002	No data available.	vPvB
Decamethylcyclopent asiloxane	0,1 - <1%	541-02-6	208-764-9	01- 2119511367- 43-0003	No data available.	vPvB

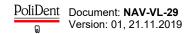
All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

Classification

Chemical name	Classification	Notes			
Dodecamethylcyclohexasiloxane	None known.	No data available.			
Decamethylcyclopentasiloxane	None known.	No data available.			

CLP: Regulation No. 1272/2008.



POLI SILICONE – component A

Page 2 od 7

The full text for all H-statements is displayed in section 16.

4.	aid measures:	

General: Get medical attention if symptoms occur. Contaminated

clothing to be placed in closed container until disposal or

decontamination.

4.1 Description of first aid measures:

Inhalation: Not relevant.

Skin Contact: Remove contaminated clothing and shoes. Wash with soap

and water

Eye contact: In the event of contact with the eyes, rinse thoroughly with

clean water. Continue to rinse for at least 15 minutes. Do not induce vomiting. Rinse mouth thoroughly.

Ingestion: Do not induce Most important symptoms and effects, both None known.

Most important symptoms and effects, both

acute and delayed:

4.2

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

Hazards: No specific recommendations. Treatment: No specific recommendations.

5. Fire Fighting measures:

General Fire Hazards: No specific recommendations.

5.1 Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide or dry powder. Water

spray.

Unsuitable extinguishing None known.

media:

5.2 Special hazards arising from the substance or None known. For further information, refer to Section 10:

mixture:

5.3 Advice for firefighters:

Special firefighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective

clothing must be worn in case of fire.

"Stability and Reactivity".

6. Accidental release measures:

6.1 Personal precautions, protective equipment

and emergency procedures:

For non-emergency

personnel: For emergency

responders:

Use personal protective equipment. See Section 8 of the SDS

for Personal Protective Equipment.

No data available.

6.2 Environmental Precautions:

Collect spillage. Do not discharge into drains, water courses

6.3 Methods and material for containment and

cleaning up:

6.4

or onto the ground.

Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be

kept tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by this material, use an appropriate solvent (cf.: § 9) Flush area with

plenty of water. Incinerate in suitable combustion chamber. Caution: Contaminated surfaces may be slippery. For waste

disposal, see Section 13 of the SDS.

7. Handling and Storage:

Reference to other sections:

7.1 Precautions for safe handling No specific precautions.

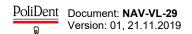
7.2 Conditions for safe storage, No special storage precautions noted. Material is stable

including any incompatibilities: under normal conditions. Avoid contact with oxidizing agents.

Suitable containers: polyethylene. Plastic lined steel drum.

Storage Class: No data available.

7.3 Specific end use(s): No specific recommendations.



POLI SILICONE – component A

Page 3 od 7

8. Exposure controls / Personal protection:

8.1 Control Parameters:

Occupational Exposure Limits: None of the components have assigned exposure limits.

8.2 Exposure controls:

Appropriate engineering No specific precautions.

controls:

Individual protection measures, such as personal protective equipment:

General information: No specific recommendations.

Eye/face protection: Safety Glasses Skin protection: Material: Nitrile.

Hand Protection: Material: Polyvinyl chloride (PVC).

Material: Rubber or plastic.

Other: It is a good industrial hygiene practice to minimize skin

contact. Wear suitable protective clothing.

Respiratory Protection: No specific precautions.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

9. Physical and chemical properties:

9.1 Information on basic physical and chemical properties

Physical state:

Form:

Colour:

Odour:

Uiquid

Viscous

White

Odourless

Odour threshold:

pH-Value:

No data available.

Not applicable.

No data available.

No data available.

No data available.

No data available.

Flash Point: > 200 °C (Closed cup according to method ASTM D-56.)

Evaporation Rate:

Flammability (solid, gas):

Flammability Limit - Upper (%)—:

Flammability Limit - Lower (%)—:

Vapour pressure:

Vapour density (air=1):

No data available.

No data available.

Vo,1 hPa (20 °C)

No data available.

Relative density: Approximate 1,05 kg/dm3 (20 °C)

Solubility(ies):

Solubility in Water: Practically Insoluble

Solubility (other): Diethylether: Miscible (in all proportions).

Chlorinated solvents: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions).

Acetone: Very slightly soluble. Ethanol: Very slightly soluble.

Partition coefficient (n-octanol/water): No data available.

Autoignition Temperature: > 400 °C
Decomposition Temperature: > 200 °C

Viscosity: 4 800 mm2/s (20°C) Explosive properties: No data available.

Oxidizing properties: According to the data on the components Not considered as

oxidising. (evaluation by structure-activity relationship)

9.2 Other information: No data available.

10. Stability and Reactivity:

10.1 Reactivity: Not relevant.10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous

PoliDent Document: NAV-VL-29 Version: 01, 21.11.2019

SAFETY DATA SHEET according to Regulation 1907/2006/EC

POLI SILICONE – component A

Page 4 od 7

No data available. Reactions:

10.4 Conditions to Avoid: No other information noted.

10.5 Incompatible Materials: Strong oxidizing agents. Strong oxidizers, strong acids, and

strong bases.

10.6 Hazardous Decomposition Thermal decomposition or combustion may liberate carbon

oxides and other toxic gases or vapours. Amorphous silica.

Toxicological Information: 11.

Information on likely routes of exposure

Inhalation: No effects expected (assessment based on ingredients). Ingestion: No effects expected (assessment based on ingredients). Skin Contact: No effects expected (assessment based on ingredients). Eve contact: No effects expected (assessment based on ingredients).

11.1 Information on toxicological effects:

Acute Toxicity:

Oral:

Products:

Product: Not classified for acute toxicity based on available data. Dermal:

Product:

Not classified for acute toxicity based on available data.

Inhalation:

Composition/information on ingredients Product:

Specified substance(s):

Decamethylcyclopentasiloxane: LC 50 (Rat): 8,67 mg/l

Repeated Dose Toxicity:

Product: Specified substance(s):

Dodecamethylcyclohexasiloxane: NOAEL (Rat, Oral): >= 1 000 mg/kg Method: OECD 422

NOAEL (Rat, Inhalation - vapor): 0,0182 mg/l

Method: OECD 413

NOAEL (Rat, Oral): >= 1 000 mg/kg Decamethylcyclopentasiloxane:

NOAEL (Rat, Inhalation - vapor): >= 2,42 mg/l

NOAEL (Rat, Dermal): >= 1 600 mg/kg

Composition/information on ingredients

Composition/information on ingredients

Skin Corrosion/Irritation:

Product:

Specified substance(s):

Dodecamethylcyclohexasiloxane: OECD 404 (Rabbit): Not irritating

Decamethylcyclopentasiloxane: Rabbit: Not irritating

Serious Eye Damage/Eye Irritation:

Product:

Composition/information on ingredients Specified substance(s):

Dodecamethylcyclohexasiloxane: OECD 405 (Rabbit): Not irritating

Decamethylcyclopentasiloxane: Rabbit: Not irritating

Respiratory or Skin Sensitization:

Specified substance(s):

Product: Composition/information on ingredients

Dodecamethylcyclohexasiloxane: OECD 406 (Guinea Pig): Not a skin sensitizer.

Decamethylcyclopentasiloxane: Not a skin sensitizer.

Germ Cell Mutagenicity: In vitro:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: Mouse lymphoma cells (OECD 476): negative with and

without metabolic activation

Bacteria (OECD 471): negative with and without metabolic

activation

Chromosomal aberration: No mutagenic components Decamethylcyclopentasiloxane:

identified. Bacteria: No mutagenic components identified.

PoliDent Document: **NAV-VL-29** Version: 01, 21.11.2019

SAFETY DATA SHEET according to Regulation 1907/2006/EC

POLI SILICONE – component A

Page 5 od 7

In vivo:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: Mammalian erythrocyte micronucleus test (OECD 474): No

mutagenic effects.

Decamethylcyclopentasiloxane: No effects expected.

Carcinogenicity:

Product: No data available.

Reproductive Toxicity (Fertility):

Decamethylcyclopentasiloxane:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: Reproduction/developmental toxicity screening test. Rat

(Gavage (Oral)): NOAEL (parent): >= 1 000 mg/kg NOAEL (F1):>= 1 000 mg/kg NOAEL (F2): Method: OECD 422 Fertility study 2 generations. Rat (Inhalation): NOAEL

(parent): 3,64 mg/l NOAEL (F1):None. NOAEL (F2): None.

Method: OECD 416

Developmental Toxicity (Teratogenicity):

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: Rabbit NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1

000 mg/kg Method: OECD 414 Rat NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1 000 mg/kg Method: OECD 414

Specific Target Organ Toxicity - Single

Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclohexasiloxane: Based on available data, the classification criteria are not

met.

Specific Target Organ Toxicity - Repeated

Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclohexasiloxane: Based on available data, the classification criteria are not

met.

Aspiration Hazard:

Product: No data available.

12. Ecological Information:

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No data available.

Aquatic Invertebrates:

Product: No data available.

Chronic Toxicity:

Fish:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane:

NOEC (Oncorhynchus mykiss, 90 d): >= 0,014 mg/l

Aquatic Invertebrates:

Product: Composition/information on ingredients

Specified substance(s):

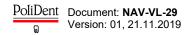
Dodecamethylcyclohexasiloxane: NOEC (Water flea (Daphnia magna), 21 d): >= 0,0046 mg/l

Toxicity to Aquatic Plants:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): >= 0,002 mg/l



POLI SILICONE – component A

Page 6 od 7

EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 0,002 mg/l

12.2 Persistence and Degradability:

Biodegradation:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: 4,5 % (28 d, OECD 310) The product is not readily

biodegradable.

Decamethylcyclopentasiloxane: 0,14 % (28 d) The product is not readily biodegradable.

BOD/COD Ratio:

Product: No data available.

12.3 Bioaccumulative Potential:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane: Fathead Minnow, Bioconcentration Factor (BCF): 2 860

(OECD 305) Has the potential to bioaccumulate.

Decamethylcyclopentasiloxane: Fathead Minnow, Bioconcentration Factor (BCF): 7 060

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB assessment: Composition/information on ingredients

Dodecamethylcyclohexasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII Decamethylcyclopentasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII

12.6 Other Adverse Effects: No data available.

13. Disposal Considerations:

13.1 Waste treatment methods

General information: The user's attention is drawn to the possible existence of

local regulations regarding disposal.

Disposal methods:

Contaminated Packaging:

Disposal instructions: Dispose of waste at an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate. Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

14. Transport Information:

This material is not subject to transport regulations.

Other information:

No special precautions.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code:

Not applicable.

15. Regulatory Information:

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

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:

Canada DSL Inventory List:

EINECS, ELINCS or NLP:

On or in compliance with the inventory.

On or in compliance with the inventory.

Japan (ENCS) List:

China Inv. Existing Chemical Substances:

Korea Existing Chemicals Inv. (KECI):

Philippines PICCS:

Not in compliance with the inventory.

On or in compliance with the inventory.

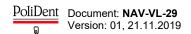
On or in compliance with the inventory.

US TSCA Inventory:

New Zealand Inventory of Chemicals:

On or in compliance with the inventory.

On or in compliance with the inventory.



POLI SILICONE – component A

Page 7 od 7

16. Other Information:

Revision Information: Not relevant.

References

PBT PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

Key abbreviations or acronyms used:

No data available.

No data available.

No data available.

sources for data:

Wording of H-statements in section 2 and 3: None

Training information:

No data available.

Disclaimer:

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment