

# EG-MATERIAL SAFETY DATA SHEET



According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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Revision date: 10.02.2020

Version: 7.0

Printing date: 07.12.2022

Supersedes Date: 11.12.2018

**Kontursil - component A**

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

### 1.1 Product identifier:

Commercial product name: Kontursil – 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: SILADENT Dr. Böhme & Schöps GmbH  
Street / mailbox: Im Klei 26  
Country code. / postal code / city: D - 38644 Goslar  
Phone: Tel.: +49 (0) 53 21 / 37 79 – 0  
Fax: Fax: +49 (0) 53 21 / 38 96 32  
E-mail / Website: [info@siladent.de](mailto:info@siladent.de) - [www.siladent.de](http://www.siladent.de)  
Further information obtainable from: SILADENT Dr. Böhme & Schöps GmbH

### 1.4 Emergency telephone number

SILADENT Dr. Böhme & Schöps GmbH: +49 (0) 53 21 / 37 79 - 0 (Mon-Fri. 8 a.m. – 4 p.m.)

## SECTION 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

### 2.3 Other hazards:

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.

Other hazards:

No PBT/vPvB mixture level data, AND mixture DOES NOT contain substance(s) that meet PBT and/or vPvB criteria.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

General information:

Mixture of organosiloxanes, additives.

General information:

No hazardous ingredients.

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## SECTION 4: First aid measures

<b>General information:</b>	Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.
<b>4.1 Description of first aid measures:</b>	
<b>Inhalation:</b>	Not relevant.
<b>Skin Contact:</b>	Remove contaminated clothing and shoes. Wash with soap and water.
<b>Eye contact:</b>	In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth thoroughly.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	None known.
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b>	
<b>Hazards:</b>	No specific recommendations.
<b>Treatment:</b>	No specific recommendations.

## SECTION 5: Firefighting measures

<b>General Fire Hazards:</b>	No specific recommendations.
<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing media:</b>	Extinguish with foam, carbon dioxide or dry powder. Water spray.
<b>Unsuitable extinguishing media:</b>	None known.
<b>5.2 Special hazards arising from the substance or mixture:</b>	None known. For further information, refer to section 10: "Stability and Reactivity".
<b>5.3 Advice for firefighters</b>	
<b>Special firefighting procedures:</b>	Water spray should be used to cool containers.
<b>Special protective equipment for firefighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
<b>6.2 Environmental Precautions:</b>	Collect spillage. Do not discharge into drains, water courses or onto the ground.
<b>6.3 Methods and material for containment and cleaning up:</b>	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

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area with plenty of water. Incinerate in suitable combustion chamber.

## 6.4 Reference to other sections:

Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling: Precautions:

No specific precautions.

#### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

### 7.2 Conditions for safe storage, including any incompatibilities:

No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents. Suitable containers: polyethylene. Plastic lined steel drum.

#### Lagerklasse:

Es liegen keine Daten vor.

#### Storage Class:

No data available.

### 7.3 Specific end use(s):

No specific recommendations.

## SECTION 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 controls:

No special requirements under ordinary conditions of use and with adequate ventilation. Avoid inhalation of vapours, mists or dusts.

#### Individual protection measures, such as personal protective equipment:

Avoid inhalation of vapours/aerosols/dusts and contact with skin and eyes. Personal protective equipment should be chosen according to applicable standards, adapted to the conditions of use of the product and in discussion with the supplier of the personal protective equipment.

#### Eye/face protection:

Safety Glasses with side shields.

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## Hand Protection:

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

Prolonged or repeated contact:

Material: Nitrile.

Glove thickness: 1,25 mm

Guideline: EN374-3

Short contact:

Material: Nitrile / Neoprene

Glove thickness: 0,198 mm

Guideline: EN374-3

## Skin and Body Protection:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

## Respiratory Protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation. If ventilation is insufficient, suitable respiratory protection must be provided.

## Environmental Controls:

See sections 7 and 13 of the Safety Data Sheet.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:

Physical state:

Form:

Colour:

Odour:

Odour threshold:

pH-Value:

Melting point/freezing point:

Boiling Point:

Flash Point:

Evaporation Rate:

Flammability (solid, gas):

Flammability Limit - Upper (%):

Flammability Limit - Lower (%):

Vapour pressure:

Vapour density (air=1):

Density:

Solubility(ies):

Solubility in Water:

Solubility (other):

Liquid

Viscous

White

Odourless

No data available.

Not applicable.

No data available.

No data available.

> 200 °C (Closed cup according to method ASTM D56.)

No data available.

No data available.

No data available.

No data available.

< 0,1 hPa (20 °C)

No data available.

Approximate 1,05 kg/dm<sup>3</sup> (20 °C)

Practically Insoluble

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.

No data available.

Partition coefficient (n-octanol/water):

Self-ignition Temperature:

> 400 °C

Decomposition Temperature:

> 200 °C

Kinematic viscosity:

Approximate 4 300 mm<sup>2</sup>/s (20 °C)

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<b>Dynamic viscosity:</b>	Approximate 4 000 mPa.s
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	According to the data on the components Not considered as oxidising. (evaluation by structure-activity relationship)

**9.2 Other information:** No data available.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Not relevant.
<b>10.2 Chemical Stability:</b>	Stable
<b>10.3 Possibility of Hazardous Reactions:</b>	No data available.
<b>10.4 Conditions to Avoid:</b>	No other information noted.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing agents. Strong oxidizers, strong acids, and strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Amorphous silica.

## SECTION 11: Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Inhalation:</b>	No effects expected (assessment based on ingredients).
<b>Ingestion:</b>	No effects expected (assessment based on ingredients).
<b>Skin Contact:</b>	No effects expected (assessment based on ingredients).
<b>Eye contact:</b>	No effects expected (assessment based on ingredients).

### 11.1 Information on toxicological effects:

<b>Acute Toxicity:</b>	
<b>Oral:</b>	Not classified for acute toxicity based on available data.
<b>Dermal:</b>	Not classified for acute toxicity based on available data.
<b>Inhalation:</b>	Not classified for acute toxicity based on available data.
<b>Repeated Dose Toxicity:</b>	No data available.
<b>Skin Corrosion/Irritation:</b>	No data available.
<b>Serious Eye Damage/Eye Irritation:</b>	No data available.
<b>Respiratory or Skin Sensitisation:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	
<b>In vitro:</b>	No data available.
<b>In vivo:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.

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<b>Reproductive Toxicity:</b>	
<b>Fertility:</b>	No data available.
<b>Teratogenicity:</b>	No data available.
<b>Specific Target Organ Toxicity - Single Exposure:</b>	No data available.
<b>Specific Target Organ Toxicity - Repeated Exposure:</b>	No data available.
<b>Aspiration Hazard:</b>	No data available.

## SECTION 12: Ecological information

<b>12.1 Toxicity:</b>	
<b>Acute toxicity:</b>	
<b>Fish:</b>	No data available.
<b>Aquatic Invertebrates:</b>	No data available.
<b>Aquatic plants:</b>	No data available.
<b>Toxicity to microorganisms:</b>	No data available.
<b>Chronic Toxicity:</b>	
<b>Fish:</b>	No data available.
<b>Aquatic Invertebrates:</b>	No data available.
<b>12.2 Persistence and Degradability:</b>	
<b>Biodegradation:</b>	No data available.
<b>BOD/COD Ratio:</b>	No data available.
<b>12.3 Bioaccumulative Potential:</b>	
<b>Bioconcentration Factor (BCF):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>12.4 Mobility in Soil:</b>	No data available.
<b>12.5 Results of PBT and vPvB assessment:</b>	No data available.
<b>12.6 Other Adverse Effects:</b>	No data available.

## SECTION 13: Disposal considerations

<b>13.1 Waste treatment methods:</b>	The user's attention is drawn to the possible existence of local regulations regarding disposal.
<b>Disposal methods:</b>	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.
<b>Contaminated Packaging:</b>	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,

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

## SECTION 14: Transport information

This material is not subject to transport regulations.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

## SECTION 15: Regulatory information

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

**EU Regulations:**

**Regulation (EC) No. 2037/2000** None.

**Substances that deplete the ozone layer:**

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** None.

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** None.

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** None.

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):** None.

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:** None.

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:** None.

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:** None.

**National Regulations:**

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering. Classification according to AwSV

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering. Classification according to AwSV

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**Inventory Status**

Australia AICS:

On or in compliance with the inventory.

Canada DSL Inventory List:

On or in compliance with the inventory.

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## Kontursil - component A

China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.

### SECTION 16: Other information

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#### Revision Information:

SECTION 3:	Modification:	Composition/information on ingredients
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#### Abbreviations and acronyms:

CLP:	Regulation No. 1272/2008.
PBT:	persistent, bioaccumulative and toxic substance.
vPvB:	very persistent and very bioaccumulative substance.
NOAEL:	No Observable Adverse Effect Level
LOAEL:	Lowest Observable Adverse Effect Level

#### Key literature references and sources for data:

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