

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**CONLOC SK 713 Komp. B**

Revision date: 03.05.2023

Product code: 750713680B

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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Product group: silicone

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

silicone adhesive, casting compound

**1.3. Details of the supplier of the safety data sheet**

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG	
Street:	Kaltenbrunn 27	
Place:	D-82467 Garmisch-Partenkirchen	
Telephone:	+49 (0)8821 956 90	Telefax: +49 (0)8821 956 990
e-mail:	info@ego.de	
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960
e-mail:	EGO-Labor@ego.de	
Internet:	www.ego.de	

**1.4. Emergency telephone**

+49 55119240 (24h/7d)

**number:**GIZ-Nord, Göttingen  
Member of EPECs network**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****2.3. Other hazards**Contact with incompatible material may release hydrogen.  
formation of oxyhydrogen gas with Water, Alcohols, Acids, metal salts, Amines, Alkalis (alkalis).**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

polydimethylsiloxane with functional groups + auxiliary agents

**Hazardous components**

none (according to Regulation (EC) No 1907/2006 (REACH))

**Further Information**This product does not contain any reportable Eu-listed Substances of Very High Concern (SVHC) in a concentration of  $\geq 0,1\%$  (Regulation (EC) No 1907/2006 (REACH), Article 59)**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Handle in accordance with good industrial hygiene and safety practice.

**After inhalation**

No special measures are necessary. Provide fresh air.

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**After contact with skin**

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleanser and water. Take off immediately all contaminated clothing  
Consult physician if problems persist. Show this safety data sheet to the doctor in attendance.

**After contact with eyes**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of durable symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). Do not induce vomiting.  
If you feel unwell, seek medical advice (show the label where possible).

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

Reference to other sections

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).  
Fight larger fires best with alcohol-resistant, water film-forming foam agents.

**Unsuitable extinguishing media**

Water. Extinguishing powder. Halons.

**5.2. Special hazards arising from the substance or mixture**

In case of fire hazardous combustion gases or vapors possible. Exposure to combustion products can be a health hazard! Hazardous fire products: toxic and very toxic fumes.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Handle in accordance with good industrial hygiene and safety practice. Special skid risk by leaking/spilling product.

**For non-emergency personnel**

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

**For emergency responders**

Wear personal protection equipment.

**6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system. Contain leaking fluid with suitable material (e.g., soil).

**6.3. Methods and material for containment and cleaning up****For containment**

Cover the sewers.

**For cleaning up**

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Contaminated surfaces will be extremely slippery. Clear contaminated area thoroughly.

**Other information**

Provide adequate ventilation.

**6.4. Reference to other sections**

Remove from all sources of ignition.

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**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas.

**Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

**Advice on general occupational hygiene**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.  
Protect from moisture.

**Hints on joint storage**

Do not store together with: Alkalis (alkalis). Ammonia. amines. Strong acids.

**Further information on storage conditions**

Keep tightly closed in a dry and cool place. Storage temperature: 0 - 25 °C

**7.3. Specific end use(s)**

silicone adhesive, casting compound

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Exempt

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Skin protection**

Protective suit

**Respiratory protection**

No personal respiratory protective equipment normally required. Wear suitable respiratory protection and protective clothing when exposed to spray mist or aerosol. Suitable Respiratory protective device: filtering half mask, in accordance with recognized standards such as EN 149. Recommended filter type: FFP1 or equivalent filter, in accordance with recognized standards such as EN 149.

**Thermal hazards**

Do not heat the product.  
Under fire conditions: Flame-resistant clothing

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Low temperature resistant gloves: not required

**Environmental exposure controls**

Do not empty into drains or the aquatic environment.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	odourless
Odour threshold:	not determined

**Test method**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Lower explosion limits:	Exempt
Upper explosion limits:	Exempt
Flash point:	244 °C ISO 2592
Auto-ignition temperature:	> 450 °C DIN 51794
pH-Value:	not applicable
Water solubility:	virtually insoluble
Vapour pressure:	Exempt
Density (at 23 °C):	0,97 g/cm <sup>3</sup>
Particle characteristics:	not applicable

**9.2. Other information****Information with regard to physical hazard classes**Explosive properties  
not Explosive.**Other safety characteristics**Solvent content: 0 %  
Viscosity / dynamic:  
(at 20 °C) 20-40 mPa·s**Further Information**

Thermal decomposition &gt; 200 °C

**SECTION 10: Stability and reactivity****10.1. Reactivity**No dangerous reaction known under conditions of normal use.  
Contact with incompatible material may release hydrogen.**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

formation of oxyhydrogen gas with Water, Alcohols, Acids, metal salts, Amines, Alkalis (alkalis).

**10.4. Conditions to avoid**

moisture. Heat, flames and sparks.

**10.5. Incompatible materials**

Strong oxidizing agents, amines, Acids, Alkalis (alkalis).. humid air and water. Alcohols.

**10.6. Hazardous decomposition products**

No decomposition if used as directed.

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**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Health injuries are not known or expected under normal use.

**Irritation and corrosivity**

Health injuries are not known or expected under normal use.

Possibility of exposure to: skin contact. Eyes: Not an irritant. (rabbit)

**Sensitising effects**

Possibility of exposure to: skin contact. no danger of sensitization. (Guinea-pig.)

**Carcinogenic/mutagenic/toxic effects for reproduction**

No data is available on the product itself.

**STOT-single exposure**

No data is available on the product itself.

**STOT-repeated exposure**

No data is available on the product itself.

**Aspiration hazard**

No data is available on the product itself.

**Information on likely routes of exposure**

Skin contact

**Specific effects in experiment on an animal**

LD50/oral/rat = &gt; 15000 mg/kg

**SECTION 12: Ecological information****12.1. Toxicity**

Do not empty into drains or the aquatic environment.

According to the present state of knowledge negative ecological effects are not expected.

**12.2. Persistence and degradability**

Non-biodegradable. The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

**12.3. Bioaccumulative potential**

Bioaccumulation is unlikely.

**12.4. Mobility in soil**

Adsorbs on soil.

**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.

**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.

**12.7. Other adverse effects**

Ecological injuries are not known or expected under normal use.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Can be incinerated, when in compliance with local regulations.

**Contaminated packaging**

Containers can contain dangerous amounts of hydrogen. Do not reuse uncleaned containers and with others

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Fill materials due to possible reaction between the remaining product and incompatible material. Packaging are to be emptied completely (drip-free, free-flowing, spatula-free). Packaging is in compliance with the applicable regulations local / national regulations should preferably be reused or recycled. Not cleanable Packaging must be disposed of like the substance.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

Marine pollutant: no

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

For safety reasons no air transport of inner packagings &gt; 1 kg.

**14.7. Maritime transport in bulk according to IMO instruments**

There is no intended bulk transport in tankers.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****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****Changes**

This data sheet contains changes from the previous version in section(s): 1,6,7,8,9,11,12,16.

**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate

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LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern

**Further Information**

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*