

SAFETY DATA SHEET

ipocon Siliconkautschuk Komp. B2 hart

Uniprox Safety data sheet according to 1907/2006/EC, Article 31

Product: ipocon Silikonkautschuk Komp. B2 hart (MG 301-2)

Date/ Revised: 06.10.2020

Document-No.: MG301_2_ipocon_Silikonkautschuk_Komp_B2_001_EN

1. Identification of the substance/ Mixture and of the company/ Undertaking

1.1 Product identifier

Product name: ipocon Silikonkautschuk Komp. B2 hart (MG 301-2)

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

No further relevant information available.

Application for the substance / the preparation

Crosslinking agents for the production of elastomers

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uniprox GmbH & Co. KG
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2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Polydimethylsiloxan with reactive groups

Dangerous components: Void

Additional information: For the wording of the listed hazard phrases refer to section 16.

4. First Aid Measures

4.1 Description of first aid measures

General information:

Personal protection for the First Aider.

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

Take affected persons into fresh air and keep quiet.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

If swallowed, rinse mouth with water (only if the person is conscious).

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Alcohol-resistant foam, carbon dioxide, sand. Under the blanket of foam can hydrogen gas are included, so remove for cleaning and recording sources of ignition.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Fire or if heated, a pressure increase occurs and the container may burst.

Formation of toxic gases is possible during heating or in case of fire.
carbon dioxide

Measurements at temperatures above 150°C in the presence of air (oxygen) have shown that formaldehyde is formed by oxidative degradation in small amounts.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Protective equipment (see section 8). adequate

Provide ventilation. Keep unnecessary people away.

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Eliminate ignition sources. Material intended for disposal must be kept away from incompatible materials in accordance with point 10. Do not mix contaminated material with clean material consider information in section 7.

7. Handling and Storage**7.1 Precautions for safe handling**

Take care by opening

Do not seal receptacles gas-tight.

provide for best ventilation in the work space

Does not in use Keep container closed.

Keep away from incompatible materials in accordance with point 10.

If possible inerting equipment and containers filled with nitrogen to reduce the oxygen content

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

Product can give off hydrogen. Within partially empty containers formation of explosive mixtures possible.

Keep away from fire or smoke. Keep away from open flames, heat sources and sparks.

Measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

Keep container tightly closed and dry and storage in a good ventilated room.

Storage temperature: 20 - 25 °C.

Information about storage in one common storage facility:

Store away from flammable substances.

Store away from foodstuffs.

Does not store with, basic substances (eg alkalis, ammonia, amines), oxidizing agents, strong acids.

Further information about storage conditions:

Protect from frost.

Store receptacle in a well ventilated area.

Store in dry conditions.

Protect from heat and direct sunlight.

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

8. Exposure Controls/ Personal Protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Chemical-resistant, impervious gloves complying with an approved standard at all times when handling chemical products carried be, if a risk assessment indicates this is necessary.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber, BR

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|-------------------------|------------------------------------|
| Form: | Fluid |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| pH-value: | Not determined. |

Change in condition

| | |
|---|---|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | ca. 180 °C |
| Flash point: | ca. 115 °C |
| Flammability (solid, gas): | Not applicable. |
| Decomposition temperature: | Not determined. |
| Auto-ignition temperature: | Product is not selfigniting. |
| Explosive properties: | Product does not present an explosion hazard. |
| Explosion limits: | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Vapour pressure: | Not determined. |
| Density at 20 °C: | 0.97 g/cm ³ |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with water: | Insoluble. |

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic at 20 °C: 150 mPas

Kinematic: Not determined.

Solvent content:

Organic solvents: 0.0 %

VOC (EC) 0.0 g/l

9.2 Other information No further relevant information available.

10. Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat.

10.3 Possibility of hazardous reactions

Danger of forming explosive hydrogen-air mixture when stored in enclosed spaces.

Reacts with metals forming hydrogen.

Reacts with: acids, alkaline substances (eg alkalis, ammonia, amines), alcohols, water, humidity, Oxidationsmittel, catalyst. The reaction causes the formation of hydrogen.

10.4 Conditions to avoid

Moisture. Heat, open flames and other ignition sources. With contaminated pipes and tanks or corroded or rusty containers may lead to increased formation of hydrogen. Detail in section 7.

10.5 Incompatible materials:

metal and metaloxide, water, alcohol, amine, base and acid

10.6 Hazardous decomposition products:

Hydrogen

Measurements have shown that at temperatures from about 150°C by formation of small amount Formaldehyde is split off.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

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

LD/LC50 values relevant for classification:

68988-57-8 Methylhydrogenpolysiloxan

Oral LD50 5,000 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation no data available

Serious eye damage/irritation no data available

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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.

12. Ecological Information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability not biodegradable

Other information:

Deposition by sedimentation

Elimination by adsorption onto activated sludge

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste disposal key:

For this product no waste code number can be determined as per the European Waste List, since the intended use by the consumer. The waste key number must be determined in consultation with the regional waste disposal.

Uncleaned packaging:

Recommendation:

Containers may use dangerous amounts of hydrogen contain unclean container and not re-filled with other materials because of possible reaction between residual product and harmful material. Can not be cleaned containers like the recycling. The packaging should be emptied completely before they are recycled in compliance with the regulations

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport Information

14.1 UN-Number

ADR, ADN, IMDG

Void

IATA

Void/ transport by airfreight not allowed

14.2 UN proper shipping name

ADR, ADN, IMDG

Void

IATA

transport by airfreight not allowed

14.3 Transport hazard class(es)

ADR, ADN, IMDG

Class

Void

IATA

transport by airfreight not allowed

Class

Void

14.4 Packing group

ADR, IMDG

Void

IATA

Void/ transport by airfreight not allowed

14.5 Environmental hazards:**Marine pollutant:** No**14.6 Special precautions for user** Not applicable.**14.7 Transport in bulk according to Annex II of****Marpol and the IBC Code** Not applicable.**Transport/ additional information:** Not dangerous according to the above specifications.

Heat sensitive up to + 40°C.

UN "Model Regulation": Void

15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**National regulations:****Waterhazard class:** Water hazard class 1 (VwVwS 17.05.99): slightly hazardous for water.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

Recommended restriction of use

Unless expressly described in chapter 1.2, this product is for industrial use only. It is not intended for use in certain medical applications that are implanted, injected or taken directly (usually 30 days or more) into the human body, and are not intended for the manufacture of multiple-use contraceptives.

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.

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