



According to regulation (EC) n° 1907/2006 Annex II
 Revision date: 27.07.2018 Version: 5.0

Page 1 of 6
 Printing date: 29.08.2018

Hinrisil - component A

1. Identification of the Substance / Preparation and Company:

- 1.1 Product identifier:
 Commercial product name: Hinrisil – 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: ERNST HINRICHS Dental GmbH
 Street / mailbox: Borsigstr. 1
 Country code. / postal code / city: D - 38644 Goslar
 Phone: 0 53 21 / 5 06 24
 Fax: 0 53 21 / 5 08 81
 E-mail / Website: info@hinrichs-dental.de / www.hinrichs-dental.de
- 1.4 Further information obtainable from: ERNST HINRICHS Dental GmbH
 Emergency telephone number
 ERNST HINRICHS Dental GmbH: +49 (0) 53 21 / 5 06 24 - 25 (Mon-Fri. 8 a.m. – 4 p.m.)

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.No hazardous ingredients

4. First 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.
- 4.2 Ingestion: Do not induce vomiting. Rinse mouth thoroughly.
 Most important symptoms and effects, both acute and delayed: None known.
- 4.3 Indication of any immediate medical attention and special treatment needed:
 Hazards: No specific recommendations.
 Treatment: No specific recommendations.



Hinrisil - component A

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 media:	None known.
5.2 Special hazards arising from the substance or mixture:	Combustible. For further information, refer to Section 10: "Stability and Reactivity".
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.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:	
For non-emergency personnel:	Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.
For emergency responders:	No data available.
6.2 Environmental Precautions:	Collect spillage. Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up:	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.
6.4 Reference to other sections:	Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

7. Handling and Storage:

7.1 Precautions for safe handling	No specific precautions.
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.
Storage Class:	No data available.
7.3 Specific end use(s):	No specific recommendations.

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 specific precautions.
Individual protection measures, such as personal protective equipment:	
General information:	No specific precautions.
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.



Hinrisil - component A

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:	Liquid
Form:	Viscous
Colour:	White
Odour:	Odourless
Odour threshold:	No data available.
pH-Value:	Not applicable.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	> 200 °C (Closed cup according to method ASTM D-56.)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	
Flammability Limit - Lower (%)-:	
Vapour pressure:	< 0,1 hPa (20 °C)
Vapour density (air=1):	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:	4 300 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 Reactions:	No data available.
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 Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Amorphous silica.

11. Toxicological Information:

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).
Eye contact:	No effects expected (assessment based on ingredients).



According to regulation (EC) n° 1907/2006 Annex II
 Revision date: 27.07.2018 Version: 5.0

Page 4 of 6
 Printing date: 29.08.2018

Hinrisil - component A

11.1 Information on toxicological effects:

Acute Toxicity:	
Oral:	Not classified for acute toxicity based on available data.
Product:	
Dermal:	Not classified for acute toxicity based on available data.
Product:	
Inhalation:	
Product:	No data available.
Repeated Dose Toxicity:	
Product:	No effects expected (assessment based on ingredients).
Skin Corrosion/Irritation:	
Product:	No effects expected (assessment based on ingredients).
Serious Eye Damage/Eye Irritation:	
Product:	No effects expected (assessment based on ingredients).
Respiratory or Skin Sensitization:	
Product:	No effects expected (assessment based on ingredients).
Germ Cell Mutagenicity:	
In vitro:	
Product:	No effects expected (assessment based on ingredients).
In vivo:	
Product:	No effects expected (assessment based on ingredients).
Carcinogenicity:	
Product:	No effects expected (assessment based on ingredients).
Reproductive Toxicity:	
Product:	No effects expected (assessment based on ingredients).
Reproductive Toxicity (Fertility):	
Product:	No data available.
Developmental Toxicity (Teratogenicity):	
Product:	No data available.
Specific Target Organ Toxicity - Single Exposure:	
Product:	No effects expected (assessment based on ingredients).
Specific Target Organ Toxicity - Repeated Exposure:	
Product:	No effects expected (assessment based on ingredients).
Aspiration Hazard:	
Product:	No effects expected (assessment based on ingredients).

12. Ecological Information:

12.1 Toxicity:	
Acute toxicity:	
Fish:	No effects expected (assessment based on ingredients).
Product:	
Aquatic Invertebrates:	No effects expected (assessment based on ingredients).
Product:	
Chronic Toxicity:	
Fish:	
Product:	No effects expected (assessment based on ingredients).
Aquatic Invertebrates:	
Product:	No effects expected (assessment based on ingredients).
Toxicity to Aquatic Plants:	
Product:	No effects expected (assessment based on ingredients).



According to regulation (EC) n° 1907/2006 Annex II
 Revision date: 27.07.2018 Version: 5.0

Page 5 of 6
 Printing date: 29.08.2018

Hinrisil - component A

12.2 Persistence and Degradability:

Biodegradation:

Product: Not applicable

BOD/COD Ratio:

Product: No data available.

12.3 Bioaccumulative Potential:

Product: No data available.

12.4 Mobility in Soil:

Product: No data available.

12.5 Results of PBT and vPvB assessment:

Product: None Reported

12.6 Other Adverse Effects:

Product: None known.

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:

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.

Contaminated Packaging:

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

National Regulations:

Water Hazard Class (WGK):

WGK 1: slightly water-endangering.

15.2 Chemical safety assessment:

Inventory Status

No Chemical Safety Assessment has been carried out.

Australia AICS:

On or in compliance with the inventory

Canada DSL Inventory List:

On or in compliance with the inventory

EU EINECS List:

On or in compliance with the inventory

Japan (ENCS) List:

Not in compliance with the inventory.

China Inv. Existing Chemical Substances:

On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI):

On or in compliance with the inventory

Philippines PICCS:

On or in compliance with the inventory

US TSCA Inventory:

On or in compliance with the inventory

New Zealand Inventory of Chemicals:

On or in compliance with the inventory

16. Other Information:

Revision Information:

Not relevant.

References

PBT

PBT: persistent, bioaccumulative and toxic substance.

vPvB

vPvB: very persistent and very bioaccumulative substance.

Key abbreviations or acronyms used:

No data available.

Key literature references and

No data available.

sources for data:

Wording of H-statements in section 2 and

None

EG-MATERIAL SAFETY DATA SHEET



According to regulation (EC) n° 1907/2006 Annex II
Revision date: 27.07.2018 Version: 5.0

Page 6 of 6
Printing date: 29.08.2018

Hinrisil - component A

3:

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