

EU-SAFETY DATA SHEET

Amendment date: 02.07.2003

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EU-SDB30900A

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SHERAGINGIVAL

Addition cure silicone for gingival masks

1. Substance / preparation and company name

Product name:

SHERAGINGIVAL

Supplier:

SHERA Werkstoff-Technologie

GmbH & Co. KG

Espohlstr. 53

49448 Lemförde

Germany

Tel.: +49 54 43 - 99 33 - 0

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2. Composition / Details of components

Chemical properties

Polydimethylsiloxan, non-active inorganic fillers.

Hazardous ingredients (under limit of consideration)

Component A: Platinum (CAS no.: 7440-06-4)

Component B: Polydimethylhydrogensiloxane

3. Possible dangers

None, if the product is used in accordance with instructions.

4. First aid

After skin contact

If product comes into contact with the skin, rinse off immediately with plenty of water and soap.

After eye contact

If product comes into contact with the eyes, immediately irrigate thoroughly under running water. If symptoms persist, please seek medical attention.

After ingestion

If ingested, rinse out mouth thoroughly and if necessary seek medical attention.

5. Fire fighting

Suitable fire fighting agents

No restrictions in the case of fire.

6. Action in the event of accidental release

Persons-related precautionary measures

Avoid contact with the eyes and the skin.

Environmental protection measures and cleaning

To be picked up with an adequate device and to be disposed.

7. Handling and storage

Handling

Tips on safe handling

The customary precautionary measures for handling chemicals are to be observed.

Avoid contact with eyes and skin.

Storage

Requirements on storage and containers

In case of normal storage conditions the product remains stable.

8. Exposure limits and personal safety equipment

Protection and hygiene measures

The customary precautionary measures for handling chemicals are to be observed.

Do not eat, drink or smoke while working.

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9. Physical and chemical properties

Appearance

Form: liquid
Colour: white (component A), pink (component B)
Odour: neutral

Safety details

	Component A	Component B
Flash point (closed crucible according to ASTM D-56)	> 200°C	> 200°C
Ignition temperature (auto ignition)	> 400°C	> 400°C
Steam pressure at 20°C	< 0,01 kPa	< 0,01 kPa
Density at 25°C	1,05 g/cm ³	1,05 g/cm ³
Water solubility	insoluble	insoluble
Solvability in organic solvents	dispersing in diethylether, chlorinated solvents, aromatic und aliphatic hydrocarbon	
pH value	not applicable	not applicable
Viscosity, dynamic	30 Pas	30 Pas

10. Stability and reactivity

Substances to be avoided

Strong oxidants.
Component B reacts with mobile hydrogen in the presence of metal salt or metal complexes.

Hazardous products of decomposition

No decomposition if the product is stored and used correctly.

11. Toxicology information

Acute toxicity

LD50 oral rat: > 2000 mg/kg Source: Literature

Effects of irritation / chemical etching

May temporarily cause a slight irritation of the muscous membrane in the eyes.

12. Ecology information

Details on elimination (persistence and degradability)

Biodegradability

Not biodegradable.
No bioaccumulation.

Water pollution class

WPC: 1 (self-assessment)

13. Disposal instructions

Product remains

Has to be recycled as industrial waste according to the instructions of the local authorities.

Polluted packaging

Are to be treated like the product. Non-contaminated packaging can be taken for recycling.

14. Transport information

Non-hazardous good in sense of general transport regulations.

15. Regulations

Identification requirement according to Hazardous Substances Regulations / EU Directives

No requirement.

16. Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed nor transferred to other products. Duplication in an unchanged state is permissible.