

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision Date: 16.02.2010 RL
Revision: 1

1. Chemical product and company identification

Product name:

LiWa Dip Isolation

Application of the product:

Auxiliary for manufacture of dental prothesis

Manufacturer:

Willmann & Pein GmbH

Street:

Schusterring 35

Zip-Code / Town

D-25355 Barmstedt

Phone / Fax / E-Mail

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Emergency Information (24 hours)

Dr. Wolfgang Willmann

Phone: +49 (0) 170 – 405 30 52

2. Hazard Identification

Hazard description:

void

Additional hazard advices for human and environment:

void

3. Composition/Information on Ingredients

Chemical Characterization:

Description: -

Hazardous contents:

void

Additional information:

For the wording of the listed risk phrases refer to section 16.

4. First-Aid-Measures

General Advices:

No special measures required.

Inhalation:

void

Skin contact:

The product is not skin irritating.

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Eye contact:

Rinse opened eye for several minutes under running water.

Ingestion:

Initiate vomiting and consult a doctor.

5. Fire-Fighting-Measures

Suitable extinguishing agents:

CO₂, extinguishing powder or water jet. Fight large fires with water jet or alcohol-resistant foam.

Protective equipment for fire-fighters:

No special measures required.

Additional Advices:

None

6. Accidental release measures

Personal precautions:

Not required.

Environmental protection measures:

Dilute with much water.

Clean-up procedures:

Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).

Additional information:

No dangerous materials released.

7. Handling and Storage

Handling:

Information for safe handling:

No special measures required.

Information about fire- and explosion protection:

No special measures required.

Storage conditions:

Storage temperature: None.

Storage conditions: Not required.

Expiry Date: Not required.

8. Exposure Controls/Personal Protection

Components with limit values to be monitored for specific workplaces:

56-81-5 glycerol

Personal protective equipment:

The usual precautionary measures should be adhered to in handling the chemicals.

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Breathing protection:

Not required.

Hand-protection:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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

Material of gloves:

The selection of the suitable gloves does not depend on the material, but also on further marks of quality and varies from 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.

Body-protection:

Light weight protective clothing.

Eye protection:

not absolutely necessary

9. Physical and chemical Properties

Appearance:

Form: Fluid
Colour: Colourless
Odour/Flavour: Odourless

Safety relevant data

Flash point: Not applicable.
Ignition temperature: The product is not selfigniting or explosive.
Upper explosion limit: Not required.
Lower explosion limit: Not required.
Solubility in Water: Fully miscible.
Density at 20 °C: 1.000 g/cm³
ph-value at 20 °C: 6.5
Organic Solvents: Water 92.8%
Solids content: 5.0 %
Melting point: Not determined.
Boiling point: 100°C

10. Stability and Reactivity

Thermal decomposition / Conditions to be avoided:

No decomposition if used and stored according to specifications.

Materials to avoid:

No dangerous reactions known.

Hazardous decomposition products:

None

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Additional Notes:

None

11. Toxicological information

Acute toxicity:

Primary irritant effect:

- skin: No irritant effect.
- eye: No irritant effect.
- Sensitization: No sensitizing effect.

Subacute unto chronic toxicity

Experience with human: not specified

Additional toxicological Advices:

The product is not subject to classification according to the calculation method of the general EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided us.

12. Ecological information

Biological decomposition:

Ecotoxic effects

Biological effects:

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

Fish toxicity: No data available

Water organism: No data available

Daphnia toxicity: No data available

Water hazard class: No data available

Further details to ecology

Bioakkumulation potential:

No data available

Effect of the determination of the PTB- and vPvB-Report:

Endocrine disruption potential

-not applicable-

13. Disposal considerations

Product:

Smaller quantities can be disposed with household garbage.

Disposal key according to "Abfallverzeichnis-Verordnung (AVV)"

Packaging:

Disposal must be made according to official regulations.

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14. Transport informations/rules

Land transport ADR/RID:

ADR/RID- GGVS/E Class: -

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

No hazardous goods according to transportation rules

15. Regulatory Information

Labelling according EC guidelines:

Observe the normal safety regulations when handling chemicals..

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

The product is not subject of classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

At the moment there exist neither registrations to title 7 either limits to title 8 for the product.

Hazardous components requiring declaration / special labelling: none

R-phrases: None

S-phrases: None

***16. Other information**

Further applicable EG Guidelines

Guideline for preparation (1999/45/EC), at last changed by the guideline 2006/8/EC.

Substance Guideline (67/548/EWG), at last changed by the guideline 2006/121 EC.

REACH-Guideline (EC) No. 1907/2006

Manufacturer's suggested application restriction:

For use at dental laboratories only.

Department issuing MSDS:

Dr. rer. nat. Wolfgang Willmann (Phone: +49 (0) 41 23 – 9228 0)

Additional Information:

Origin: ¹ <http://www.baua.de>

² <http://www.arbeitssicherheit.de>

Changes compared to the last version

Assimilation according REACH-Regulation (EC) No. 1907/2006

Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and the format of this MSDS are in accordance with EEC Commission (EC) No. 1907/2006

Disclaimer of Liability

The information in this MSDS was obtained from sources which we believe are reliable.

However, the information is provided without any warranty, express or implied, regarding

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its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Safety Data Sheet certifying division

Technical Department

Contact Person

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