

Material Safety Data Sheet
According to decree (EC) Nr. 1907 / 2006

Rev. 2

Revision Date: 16.02.2010 RL

1. Chemical product and company identification**Product name:**

Fisseal, white

Application of the product:

Fissure Sealing

Manufacturer:

Willmann & Pein GmbH

Street:

Schusterring 35

Zip-Code / Town

D-25355 Barmstedt

Phone / Fax / E-Mail+49 41 23 - 9228 0 / +49 4123 9228 49 / info@wp-dental.de**Emergency Information (24 hours)**

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2. Hazard Identification

Hazard-denotation

Xi irritant

N Hazardous to the environment

Special hazard for human and environment

R 36/37/38

Irritating to eyes, respiratory system and skin

R43

Sensibilisation through skin contact possible.

Generally acrylates could cause irritation of the eyes, skin and respiratory system. Acrylates could cause a sensibilisation through contact.

R51/53

Toxic for water-organism, could cause longer-termed damage in waters

3. Composition/Information on Ingredients

Light curing fissure-sealer based on Methacrylates and their derivates

Index-No: 607-133-00-9

Hazardous Ingredients Acrylates and their derivates

Classification: Labelling

Xi, R36/37/38, R43

N R51-53

4. First-Aid-Measures**General Advices:**

Take off immediately with product contaminated cloth

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In case of skin-contact:

Wash with water and soap.

In case of eye contact:

Rinse with plenty of water while lids are opened. In case of prolonged irritations contact a physician.

In case of inhalation:

Bring the person to fresh air.

In case of swallow

Consult physician.

5. Fire-Fighting-Measures**Suitable extinguish media:**Foam, powder, Waterspray, CO₂, Choose fire-fighting-measures concerning to the environment**Not suitable extinguishing media:**

None known

Special protective equipment while fire-fighting:

Typical measures for fire-fighting of chemical-fires, that means using a respiratory-(isolating-unit)

6. Accidental release measures**Personal Precautions:**

Take care of adequate aeration.

Environmental precautions:

Do not allow not hardened material to get into drains.

Method for cleaning up:

Take up mechanically. Cure with light and dispose the material or solid residues at an authorized site as special waste.

7. Handling and storage**Handling**

The general advice and precautionary measures are to be observed.

Wear work-clothes during work

Avoid skin-contact while using instruments and minimal-contact-technique.

Wash hands before pauses and before and after work

Storage

Store cool, dry protected against light and tightly closed.

Directions for fire- and explosion-protection:

No special measures necessary.

8. Exposure Controls/Personal Protection**Additional directions for forming of technical devices**

None

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Components with workplace control parameters**Personal precautions:****General:**

Take note of protecting- and hygiene-measures. Devided storage of the protective cloth. Handle in accordance with good industrial hygiene and safety practise for working with chemicals.

Eye protection:

Goggles while working with the materials.

Hand-protection:

Sensibilisation

Wearing of suitable gloves

Body-protection:

Wear business-usual working-cloths

Hygiene measures:

Take care off business-usual protective-and hygienic-measures.

9. Physical and chemical Properties**Appearance:**

Form:	viscous liquid
Colour:	white
Odour:	aromatic

Safety relevant data:

pH-value:	not applicable
Flash-point:	not applicable
Iginition-point:	not fixed
Solubility in water:	at 20°C practicable insoluble
Vinegar-acid-esther:	soluble
Isopropanol:	soluble

10. Stability and Reactivity**Conditions to avoid:**

To avoid premature curing, store the container protected against heat, Sunlight and light.

Materials to avoid

The product is slightly polymerising if contacted with radical-builder.

Hazardous decomposition products:

None if handled according to the directions.

Additional Notes:

The product slowly could polymerize in case of essential exceed of storing time-or non-observing of the storage-conditions.

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11. Toxicological information

Estimated to the ingredients:

Acute toxicity:**At Skin:**

Could cause irritations

At eyes

Could cause irritations

Sensitization

If exposed a s Sensitization through skin-contact is possible.

Additional toxicological Advices:

The product has to be labelled. To our experiance the product wont cause harmful to health-effects if used aproprate and accordung to the regulations.

12. Ecological information**General Advices:**

Not water-hazardous-class: 1 (self-classification)- slightly water-hazardous

Do not drain into see, ground-water or sewer-system.

13. Disposal considerations**The product itself.****Recommendation:****Not cured material**

Waste-key-no:

Accordingly dispose of considering the regulations of the local authority

Cured material

Dispose to the local and national rules as special waste. (do not discharge into drain)

14. Transport informations/rules

No dangerous cargo accordingly to the transport rules. Store away from food-stuff and stimulants.

15. Regulatory Information**Labelling according EU guidelines**

The product is to be labelled according to the EG-Rules/GefStoffV

Identification-letter and hazard denotation of the product

Xi **Irritant****N** **Hazardous to the environment****R-phrases****R36/37/38** Irritating to the eyes, respiratory system and skin**R43** Sensibilisation through skin contact possible**R51/53** Toxic for water-organism, could cause longer-termed damages in water**S-phrases****S26** **If contacted with eyes rinse immediately with plenty of water**

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S28	If contacted with skin immediately wash with water and soap
S61	Avoid releasing to the environment. Obtain specific Directions : Consult Safety Data Sheet

Natioal Rules**Classification to VbF:****Not applicable****Water-dangerous-class**

WGK 1 (self classification)

Slightly water-dangerous

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 dental use only

R-phrases that refer to section 3**R36/37/38** Irritating to the eyes, respiratory system and skin**R43** Sensibilisation through skin contact possible**R51/53** Toxic for water-organism, could cause longer-termed damages in water

If these product will be used as a component of an other product, this information is not applicable.

Department issuing MSDS:

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Additional Information:Origin: ¹ <http://www.baua.de>² <http://www.arbeitssicherheit.de>

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

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

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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.
