

# Safety Data Sheet

## according to 1907/2006/EC, Article 31

Date of issue: 01.07.2014  
 Printing date: 10.06.2015

Version: 7

### 1. Identification of the substance/mixture and of the company/undertaking

#### Product Identifier

**Trade name: DEFEND VINYL TRAY ADHESIVE (VP-8300)**

**Use of the preparation:** Dental product

**Details of the supplier of the safety data sheet:**

**Manufacturer/supplier:**

Mydent International

80 Suffolk Court

Hauppauge, NY 11788, Tel# 631-434-3190

[sales@defend.com](mailto:sales@defend.com)

**Emergency telephone number:**

CHEMTREC (800) 424-9300

### 2. Hazards identification

**Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008:**

Flam. Liq. 2, H225 Highly flammable liquid and vapour

Aquatic acute 1, H400 Very toxic to aquatic life

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:**

F Highly flammable

N Dangerous for the environment

R11 Highly flammable

R50 Very toxic to aquatic organisms

**Information concerning particular hazards for human and environment:**

The product has to be labeled due to calculation procedure for the "General Classification guideline for preparations of the EU" in the latest version.

**Classification system:**

The classification corresponds to actual EU-lists, and completed with details from technical literature and company data.

**Label elements**

**Labeling according to Regulation (EC) 1272/2008:**

*Hazard pictograms*



*Signal word*

Danger

P403 Store in a well ventilated place.

P210 Keep away from heat/sparks/openflames/hot surfaces. – No smoking.

P273 Avoid release to the environment

**Labeling according to 67/548/EEC or 1999/45/EC:**

F Highly flammable

N Dangerous for the environment

R11 Highly flammable

R50 Very toxic to aquatic organisms

S09 Keep container in a well ventilated place.

S16 Keep away from heat and ignition sources – No smoking.

S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

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### Labeling according to EU guidelines:

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body; are exempted from the provisions of dangerous substance Directive 1999/45/EC.

### Other hazards

### Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

### 3. Composition/Information on Ingredients

#### Chemical characterization:

#### Description of the mixture:

Solution of alkyl poly siloxane and red dye in alkyldisiloxane and xylene

#### Hazardous components:

CAS 107-46-0, EC 203-492-7	Alkyldisiloxane >65%	F, N, R11, R50 GHS02, GHS09, H225, H400
CAS 1330-20-7, EC 215-535-7	Xylene < 1%	Xi, Xn, R10-20/21-38 GHS02, GHS07, H226, H332, H312, H315

### 4. First-aid measures

**General information:** Seek medical advice, if symptoms occur, which can be caused by the product

**after skin contact:** wash with plenty of water and soap

**After inhalation:** fresh air

**after eye contact:** Rinse opened eye for several minutes under running water and consult a doctor

**after swallowing:** Seek medical advice

### 5. Fire fighting measures

#### Extinguishing media:

Foam, CO<sub>2</sub>, powder, water spray.

Extinguishing media should be selected according to the surrounding fire.

**Special hazards arising from the substance or mixture:** No further relevant information available

**Protective equipment** Wear self-contained respiratory protective equipment

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Do not breathe vapours/aerosols. Use it in well ventilated rooms.

#### Environmental precautions:

Do not allow to enter drains/surface water/ ground-water.

#### Methods for cleaning up:

Absorb with liquid binding material. Forward for disposal. Clean up affected area.

#### 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

### 7. Handling and storage

#### Handling:

This product should only be supplied or handled to dentists or dental technicians or upon their instructions.

**Precautions for safe handling:** Observe normal care for working with chemicals

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### Information about fire and explosion protection:

Keep away from heat and ignition sources, do not smoke.

### Storage:

**Requirements at storerooms and containers:** Store only in the original containers

### Further information on storage conditions:

Store in well ventilated place at 15 - 25 °C. Store away from food stuffs. Store tightly closed.

**Specific end uses:** No further relevant information available

## 8. Exposure controls/personal protection

### Components with limits of values to be supervised at the workplace:

CAS-No.	name	art	value	unit
1330-20-7	Xylene (all isomers)	TRGS900	100	ml/m <sup>3</sup>
		or	440	mg/m <sup>3</sup>

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

### Personal protective equipment:

### General protective and hygienic measures:

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

Keep away from foodstuffs and beverages. Avoid contact with eyes or skin

### Hand protection

Protective gloves.

Due to missing tests no recommendation to the glove material can be given for the product.

**Eye protection:** safety glasses

**Respiratory protection:** Provide adequate ventilation

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Form:</b>	liquid
<b>Color:</b>	red
<b>Odor:</b>	characteristic
	<u>Value</u> <u>Unit</u> <u>Method</u>

#### Safety relevant basic data

<b>Melting point/melting range:</b>	n.a.
<b>Boiling point/boiling range:</b>	n.a.
<b>Flash point:</b>	-6 °C      DIN 51755
<b>Ignition temperature:</b>	n.a.
<b>Danger of explosion:</b>	n.a.
<b>Density:</b>	0.8 (20°C) g/cm <sup>3</sup>
<b>Vapor pressure:</b>	n.d.
<b>Solubility in/miscibility with:</b>	Ethanol, ketones
<b>Water:</b>	insoluble

## 10. Stability and reactivity

**Thermal decomposition / conditions to be avoided :** heat

**Possibility of hazardous reactions:** no information available

**Conditions to avoid:** Avoid strong acids, strong alkalis, strong oxidizing agents.

**Hazardous decomposition products:** No information available.

## 11. Toxicological information

**Acute toxicity:** no data available

**Primary irritation:**

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**skin:** frequently or prolonged contact with skin may cause dermal irritation

**eye:** slight irritating effect

**Additional toxicological information:**

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

### 12. Ecological information

**Toxicity:**

**Aquatic toxicity:** No further relevant information available

**Persistence and degradability:** No further relevant information available

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available

**Mobility in soil** No further relevant information available

**General information:** Do not flush into surface water or sanitary sewer system

Do not allow uncontrolled leakage of product into the environment

### 13. Disposal considerations

**Product:**

**Recommendation:**

Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

**Uncleaned packaging:** Handle contaminated packaging in the same way as the substance itself.

**Recommendation:** Disposal must be made according to official regulations

### 14. Transport information

**Land transport ADR/RID and GGVS/GGVE (Germany):**

UN 1993

ENTZUEHDBARER FLUESSIGER STOFF, N.A.G., 3, II (Hexamethyldisiloxan)

**Sea transport IMDG:**

UN 1993,

FLAMMABLE LIQUID, N.O.S., 3, II (Hexamethyldisiloxane)

EmS: F-E S-D

**Air transport ICAO-TI and IATA-DGR:**

UN 1993

FLAMMABLE LIQUID, N.O.S., 3, II (Hexamethyldisiloxane)

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

### 15. Regulatory information

**Classification according to EC-guidelines:**

The product is a medical device according to EC-directive 93/42 EEC.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

### 16. Other information:

**Changes compared with the previous version:**

Adaptation according to 1907/2006/EG, Article 31

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

**Preparation by**

Mydent International