

**Safety Data Sheet**

**Date of issue: 08.05.2015**  
**Printing date: 28.05.2015**

**Version: 0**

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

**Product Identifier**

**Trade name: TRAY ADHESIVE**

**Use of the preparation:** Dental product

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

**Supplier:**

SciCan Ltd  
 1440 Don Mills Road  
 Toronto, Ontario, Canada M3B3P9

**Emergency telephone number:**

800-667-7733

**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

**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

**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/EWG.

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### 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:** no special measures required

**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

**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

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**8. Exposure controls/personal protection**

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

<u>CAS-No.</u>	<u>name</u>	<u>art</u>	<u>value</u>	<u>unit</u>
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      Unit      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, ketone
<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:** small effects of toxicity  
**Primary irritation:**  
**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.

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<b>12. <u>Ecological information</u></b>
<p><b>Toxicity:</b></p> <p><b>Aquatic toxicity:</b> No further relevant information available</p> <p><b>Persistence and degradability:</b> No further relevant information available</p> <p><b>Behavior in environmental systems:</b></p> <p><b>Bioaccumulative potential</b> No further relevant information available</p> <p><b>Mobility in soil</b> No further relevant information available</p> <p><b>General information:</b> Do not flush into surface water or sanitary sewer system Do not allow uncontrolled leakage of product into the environment</p>
<b>13. <u>Disposal considerations</u></b>
<p><b>Product:</b></p> <p><b>Recommendation:</b> Use proper landfill disposal or incineration in accordance with local, state and federal regulations.</p> <p><b>Uncleaned packaging:</b> Handle contaminated packaging in the same way as the substance itself.</p> <p><b>Recommendation:</b> Disposal must be made according to official regulations</p>
<b>14. <u>Transport information</u></b>
<p><b>Land transport ADR/RID and GGVS/GGVE (Germany):</b> UN 1993 ENTZUENDBARER FLUESSIGER STOFF, N.A.G., 3, II</p> <p><b>Sea transport IMDG:</b> UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II EmS: F-E S-E</p> <p><b>Air transport ICAO-TI and IATA-DGR:</b> UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II 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.</p>
<b>15. <u>Regulatory information</u></b>
<p><b>Classification according to EC-guidelines:</b> The product is a medical device according to EC-directive 93/42 EEC.</p> <p><b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.</p>
<b>16. <u>Other information:</u></b>
<p>The contents of this document have been prepared in accordance with Regulation (EC) No 1907/2006 (REACH), Annex II (453/2010). 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.</p> <p>Reference: Polysil Tray Adhesive - EU &amp; US SDS; Date of issue: 28.08.2014; Preparation by Dr. Jürgen Engelbrecht, Tel: 04121/483-0</p>