


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						
<p>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</p>						
2. Hazards identification						
<p>Classification of the substance or mixture: Flam. Liq. 2, H225 Highly flammable liquid and vapour Aquatic acute 1, H400 Very toxic to aquatic life</p> <p>Label elements</p> <p><i>Hazard pictograms</i></p> <div style="text-align: center;">  </div> <p><i>Signal word</i> Danger</p>						
3. Composition/Information on Ingredients						
Chemical characterization:						
Description of the mixture: Solution of alkyl poly siloxane and red dye in alkyldisiloxane and xylene						
<p>Hazardous components:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 35%;">CAS 107-46-0, EC 203-492-7</td> <td style="width: 35%;">Alkyldisiloxane >65%</td> <td style="width: 30%;">F, N, R11, R50 GHS02, GHS09, H225, H400</td> </tr> <tr> <td>CAS 1330-20-7, EC 215-535-7</td> <td>Xylene < 1%</td> <td>Xi, Xn, R10-20/21-38 GHS02, GHS07, H226, H332, H312, H315</td> </tr> </table>	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
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4. First-aid measures						
<p>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</p>						
5. Fire fighting measures						
<p>Extinguishing media: Foam, CO2, powder, water spray. Extinguishing media should be selected according to the surrounding fire.</p>						

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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

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 ³
		or	440	mg/m ³

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

Form: liquid

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Color:	red		
Odor:	characteristic		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>
Safety relevant basic data			
Melting point/melting range:	n.a.		
Boiling point/boiling range:	n.a.		
Flash point:	-6 °C		DIN 51755
Ignition temperature:	n.a.		
Danger of explosion:	n.a.		
Density:	0.8 (20°C)	g/cm ³	
Vapor pressure:	n.d.		
Solubility in/miscibility with:	Ethanol, ketone		
Water:	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.			
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			
ENTZUENDBARER FLUESSIGER STOFF, N.A.G., 3, II			

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Sea transport IMDG:

UN 1993

FLAMMABLE LIQUID, N.O.S., 3, II

EmS: F-E S-E

Air transport ICAO-TI and IATA-DGR:

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.

15. Regulatory information

Safety, health and environmental regulations:

This product is not a regulated substance or mixture.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other information:

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.

Reference: Polysil Tray Adhesive - EU & US SDS; Date of issue: 28.08.2014; Preparation by Dr. Jürgen Engelbrecht, Tel: 04121/483-0