

SAFETY DATA SHEETS

This SDS packet was issued with item:

076341804

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

076341796

Safety Data Sheet

according to 91/155/EEC

1. Product identification/preparation/company undertaking

Product details

Trade name: **TRANSBITE**

Manufacturer/supplier: SciCan Ltd.,
1440 Don Mills, Toronto, Ontario

Emergency information: Dr. Jürgen Engelbrecht
++49 4121 483-0

2. Composition/Information of Ingredients

Chemical Characterization: Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine.

Description:

Hazardous components: None.

CAS-Nr.:	Name	% R-classification

3. Hazards identification

Risk identification:

Special risks for human beings and environment: None.

Classification: Classification corresponds to actual EEC guidelines.

4. First-aid measures

General information:

After skin contact: Wash with plenty of water and soap.

After eye contact: Rinse with plenty of water and consult a physician

After swallowing: Seek medical advice immediately.

5. Fire fighting measures

Extinguishing media: CO₂, water

Protective equipment:

6. Accidental release measures

Personal precautions:

Environmental precautions:

Methods for cleaning up: Wipe out with absorbent material.

Additional information:

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according to 91/155/EEC

7. Handling and storage

Handling:

Handling procedures:

Recommendation for fire and explosion protection:

Storage:

Requirements for storerooms and containers:

Store at a dry place; keep away from food stuffs.

Requirements for storage with other products:

Avoid contact with acids, bases and alcohols.

Additional storage conditions:

Storage classification:

VBF-Classifications:

8. Exposure controls / personal protection

Additional information for technical plants:

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

CAS-Nr.	Name	%	Art	Value	Unit
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The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

Personal protective equipment:

General measures of protection and hygiene:

Normal hygienic measures.

Respiration:

Hands:

Eyes:

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9. Physical and chemical properties

Appearance:

Form: Paste.
 Color: Different.
 Odor: Odorless.

Information on change in the physical state:

<u>Value</u>	<u>Unit</u>	<u>Method</u>
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Melting point / melting range:

Boiling point / boiling range:

Flash point:

Autoignition temperature:

Danger of explosion:

Density: 1.51 (20°C)g/cm³.

Vapor pressure:

Viscosity: ca. 150 Pas.

pH: Neutral.

Solubility in / miscibility with: Soluble in toluene, petrol ether.

Contents of solvents:

Organic solvents:

Water: Insoluble.

Contents of solids:

10. Stability and reactivity

Incompatibility with other substances: Little evaluation of hydrogen traces by contact with acids, bases, alcohols, powdered metals and metal oxides.

Hazardous decomposition products:

11. Toxicological information

Acute toxicity:

Primary irritation:

Skin: Non toxic, no absorption.

Eye: Irritating.

Sensitization of product:

Additional toxicological information: During the long period of use as bite registration material no health diseases are reported.

12. Ecological information

General information: No data known.

Classification of water endangerment:

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according to 91/155/EEC

13. Disposal consideration

Product:

Recommendation:

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

Disposal key number:

Uncleaned packaging:

Recommendation:

14. Transport information

Not classified as dangerous goods. Protect it against humidity. Store it away from food stuffs, acids, and bases.

15. Regulatory information

Classification according to EEC-guidelines: No classification necessary to actual EEC guidelines.

National Prescriptions:

Classification according to VbF:

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.

Preparation by:

Dr. Jürgen Engelbrecht, Tel.: ++49/4121/483-0

Safety Data Sheet

Revision Date: 08.05.2015

Version: 0

Date of Print: 28.05.2015

1. Product identification/preparation/company undertaking Product details Trade name: Polysil TransBite Use or preparation: Bite registration material Supplier: SciCan Ltd 1440 Don Mills Road Toronto, Ontario, Canada M3B3P9 Emergency information: 800-667-7733 <p>NOTE: This product meets the definition of an “article” and is exempted from SDS requirements as defined under 29 CFR 1910.1200. The information provided in this SDS is for informational purposes only and does not necessarily reflect warning and precautionary statements indicated on the label.</p>
2. Hazards identification Classification: Not classified. Label elements Signal word: None Hazard statement(s): None Precautionary statement(s): None Other hazards Results of PBT and vPvB assessment PBT: not applicable vPvB: not applicable
3. Composition/Information of Ingredients Chemical characterization: Description: mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane and silica Hazardous components: none
4. First-aid measures: General information: no special measures required after skin contact: wash with plenty of water and soap after eye contact: rinse with plenty of water and consult a doctor after swallowing: If symptoms persist consult a doctor
5. Fire fighting measures Extinguishing media: CO ₂ , water Protective equipment: no special measures required

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6. Accidental release measures

Personal precautions: not required

Environmental precautions: no special measures required

Methods for cleaning up: pick up mechanically

Additional information: none

7. Handling and storage

Handling:

Information for safe handling: For dental use only. No special measures required.

Recommendation for fire and explosion protection: No special measures required

Storage:

Requirements at storerooms and containers: No special measures required

Requirements for storage with other products: not required

Further information on storage conditions: none

8. Exposure controls/personal protection

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

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

Personal protective equipment:

General measures of protection and hygiene: normal hygienic measures

Respiratory protection: not required

Protection of hands: not required

Eye protection: not absolute required

9. Physical and chemical properties

Appearance:

Form: paste

Color: different

Odor: odorless

Value	Unit	Method
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Information on change in the physical state

Melting point/melting range: n.a. °C

Boiling point/boiling range: n.a. °C

Flash point: n.a. °C

Autoignition temperature: n.a.

Danger of explosion: none

Density: 1,1 (20°C) g/cm³

Vapor pressure: n.a. mbar

Viscosity: paste

pH: neutral

Solubility in/miscibility with: Partially soluble in toluene, petrol ether

Water: insoluble

Content of solvents: none

Organic solvents: -----

Water: -----

Content of solids: n.a.

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10. Stability and reactivity
Conditions to avoid: No decomposition if used according to specification Hazardous decomposition products: none under normal conditions of storage and use
11. Toxicological information
Acute toxicity: Primary irritation: skin: no irritating effect eye: no 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
General information: Avoid transfer into environment
13. Disposal consideration
Product: Recommendation: Small quantities can be disposed of with household waste. Use proper landfill disposal or incineration in accordance with local, state and federal regulations. Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.
14. Transport information
Land transport ADR, RID: - Maritime transport: IMDG-Code: - Air transport ICAO-TI/IATA-DGR: -
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:
<p>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 TransBite - EU & US SDS; Date of issue: 28.08.2014; Preparation by Dr. Jürgen Engelbrecht, Tel: 04121/483-0</p>