

## **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

<b>1. <u>Product identification/preparation/company undertaking</u></b>		
Product details		
Trade name:	<b>TRANSBITE</b>	
Manufacturer/supplier:	SciCan Ltd., 1440 Don Mills, Toronto, Ontario	
Emergency information:	Dr. Jürgen Engelbrecht ++49 4121 483-0	
<b>2. <u>Composition/Information of Ingredients</u></b>		
Chemical Characterization:	Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine.	
Description:		
Hazardous components:	None.	
CAS-Nr.:	Name	% R-classification
<b>3. <u>Hazards identification</u></b>		
Risk identification:		
Special risks for human beings and environment:	None.	
Classification:	Classification corresponds to actual EEC guidelines.	
<b>4. <u>First-aid measures</u></b>		
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.	
<b>5. <u>Fire fighting measures</u></b>		
Extinguishing media:	CO <sub>2</sub> , water	
Protective equipment:		
<b>6. <u>Accidental release measures</u></b>		
Personal precautions:		
Environmental precautions:		
Methods for cleaning up:	Wipe out with absorbent material.	
Additional information:		

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## 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:**

**Autoignation temperature:**

**Danger of explosion:**

**Density:** 1.51 (20°C)g/cm<sup>3</sup>.

**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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## 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

<p><b>1. Product identification/preparation/company undertaking</b></p> <p><b>Product details</b> <b>Trade name: Polysil TransBite</b> <b>Use or preparation:</b> Bite registration material <b>Supplier:</b> SciCan Ltd 1440 Don Mills Road Toronto, Ontario, Canada M3B3P9 <b>Emergency information:</b> 800-667-7733</p> <p><b>NOTE:</b> 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>
<p><b>2. Hazards identification</b></p> <p><b>Classification:</b> Not classified. <b>Label elements</b> <b>Signal word:</b> None <b>Hazard statement(s):</b> None <b>Precautionary statement(s):</b> None <b>Other hazards</b> <b>Results of PBT and vPvB assessment</b> <b>PBT:</b> not applicable <b>vPvB:</b> not applicable</p>
<p><b>3. Composition/Information of Ingredients</b></p> <p><b>Chemical characterization:</b> <b>Description:</b> mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane and silica <b>Hazardous components:</b> none</p>
<p><b>4. First-aid measures:</b></p> <p><b>General information:</b> no special measures required <b>after skin contact:</b> wash with plenty of water and soap <b>after eye contact:</b> rinse with plenty of water and consult a doctor <b>after swallowing:</b> If symptoms persist consult a doctor</p>
<p><b>5. Fire fighting measures</b></p> <p><b>Extinguishing media:</b> CO<sub>2</sub>, water <b>Protective equipment:</b> no special measures required</p>

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<b>6. Accidental release measures</b>			
<b>Personal precautions:</b> not required			
<b>Environmental precautions:</b> no special measures required			
<b>Methods for cleaning up:</b> pick up mechanically			
<b>Additional information:</b> none			
<b>7. Handling and storage</b>			
<b>Handling:</b>			
<b>Information for safe handling:</b> For dental use only. No special measures required.			
<b>Recommendation for fire and explosion protection:</b> No special measures required			
<b>Storage:</b>			
<b>Requirements at storerooms and containers:</b> No special measures required			
<b>Requirements for storage with other products:</b> not required			
<b>Further information on storage conditions:</b> none			
<b>8. Exposure controls/personal protection</b>			
<b>Components with limits of values to be supervised at the workplace:</b>			
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace			
<b>Additional information:</b> The lists valid during the making were used as basis.			
<b>Personal protective equipment:</b>			
<b>General measures of protection and hygiene:</b> normal hygienic measures			
<b>Respiratory protection:</b> not required			
<b>Protection of hands:</b> not required			
<b>Eye protection:</b> not absolute required			
<b>9. Physical and chemical properties</b>			
<b>Appearance:</b>			
<b>Form:</b>	paste		
<b>Color:</b>	different		
<b>Odor:</b>	odorless		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>
<b>Information on change in the physical state</b>			
<b>Melting point/melting range:</b>	n.a.		°C
<b>Boiling point/boiling range:</b>	n.a.		°C
<b>Flash point:</b>	n.a.		°C
<b>Autoignition temperature:</b>	n.a.		
<b>Danger of explosion:</b>	none		
<b>Density:</b>	1,1 (20°C)	g/cm <sup>3</sup>	
<b>Vapor pressure:</b>	n.a.	mbar	
<b>Viscosity:</b>	paste		
<b>pH:</b>	neutral		
<b>Solubility in/miscibility with:</b>	Partially soluble in toluene, petrol ether		
<b>Water:</b>	insoluble		
<b>Content of solvents:</b>	none		
<b>Organic solvents:</b>	----		
<b>Water:</b>	----		
<b>Content of solids:</b>	n.a.		

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<b>10. Stability and reactivity</b> <b>Conditions to avoid:</b> No decomposition if used according to specification <b>Hazardous decomposition products:</b> none under normal conditions of storage and use
<b>11. Toxicological information</b> <b>Acute toxicity:</b> <b>Primary irritation:</b> <b>skin:</b> no irritating effect <b>eye:</b> no irritating effect <b>Additional toxicological information:</b> When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
<b>12. Ecological information</b> <b>General information:</b> Avoid transfer into environment
<b>13. Disposal consideration</b> <b>Product:</b> <b>Recommendation:</b> Small quantities can be disposed of with household waste. Use proper landfill disposal or incineration in accordance with local, state and federal regulations. <b>Uncleaned packaging:</b> <b>Recommendation:</b> Disposal must be made according to official regulations.
<b>14. Transport information</b> <b>Land transport ADR, RID: -</b> <b>Maritime transport: IMDG-Code: -</b> <b>Air transport ICAO-TI/IATA-DGR: -</b>
<b>15. Regulatory information</b> <b>Safety, health and environmental regulations:</b> This product is not a regulated substance or mixture. <b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.
<b>16. Other information:</b>  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 TransBite - EU & US SDS; Date of issue: 28.08.2014; Preparation by Dr. Jürgen Engelbrecht, Tel: 04121/483-0