

PolySil Rigid BR

SECTION 1. IDENTIFICATION

Product Identifier	PolySil Rigid BR
Recommended Use	Bite Registration Material
Supplier Identifier	SciCan Ltd, 1440 Don Mills Road, Toronto, ON, M3B 3P9, 1-800-667-7733
Emergency Phone No.	1-800-535-5053
SDS Revision Date	November 23, 2023

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015)

GHS Label Elements

Signal Word: None

Hazard Pictogram: None

Hazard Statement(s): None

Precautionary Statement(s): None

Other Hazards

The product contains no substances, which at their given concentration, are considered to be hazardous to health.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture: mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane and silica.

Hazardous components: none

SECTION 4. FIRST AID MEASURES

First-aid Measures

Inhalation

No specific first aid measures are required.

Skin Contact

Wash with plenty of water and soap.

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing. Obtain medical attention if irritation develops or persists.

Ingestion

If symptoms persist consult a doctor.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

CO₂, water

Unsuitable Extinguishing Media None known.

Specific Hazards Arising from the Product

None known.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the Personal Protective Equipment (PPE) recommended in Section 8.

Environmental Precautions

No special measures required.

Methods and Materials for Containment and Cleaning Up

Pick up mechanically.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

For dental use only. No special measures required.

Conditions for Safe Storage

Store in an area that is out of direct sunlight. Avoid storage at elevated temperatures.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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.

Appropriate Engineering Controls No specific ventilation requirements.

Individual Protection Measures

Eye/Face Protection

Not required if product is used as directed.

Skin Protection

Not required if product is used as directed.

Respiratory Protection

Not required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Paste.
Odour	Odourless
Odour Threshold	Not available
pH	neutral
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1,52 (20°C) g/cm ³
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Viscosity	Paste
Solubility in/miscibility with Water	Partially soluble in toluene, petrol ether insoluble

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

This product is stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

No decomposition if used according to specification.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Skin Corrosion/Irritation

Not classified under GHS criteria.

Serious Eye Damage/Irritation

Not classified under GHS criteria.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not classified under GHS criteria.

Skin Absorption

Not classified under GHS criteria.

Ingestion

Not classified under GHS criteria.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not classified under GHS criteria. **Respiratory and/or Skin**

Sensitization Not classified under GHS criteria.

Carcinogenicity

Not classified under GHS criteria.

Reproductive Toxicity

Development of Offspring

Not classified under GHS criteria.

Sexual Function and Fertility

Not classified under GHS criteria.

Effects on or via Lactation Not

classified under GHS criteria.

Germ Cell Mutagenicity

Not classified under GHS criteria.

Interactive Effects

None known.

SECTION 12. ECOLOGICAL INFORMATION

General information: Avoid transfer into environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Small quantities can be disposed of with household waste. Review federal, provincial and local government requirements prior to disposal.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Special Precautions Not applicable

Other Information Not regulated under IMO/IMDG

SECTION 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.

SECTION 16. OTHER INFORMATION

HMIS Rating **Health - 0** **Flammability - 0** **Physical Hazard - 0**

SDS Prepared By

Phone No.

Date of Preparation Nov 23, 2023

Date of Last Revision May 8, 2015

Additional 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 Rigid BR - EU&US SDS; Date of issue: 28.08.2014. Preparation by Dr. Jürgen Engelbrecht, Tel: 04121/483-0