

# Sil-Flow

## Temporary filling material

Material safety data sheet (MSDS)  
Version 1.0 / EN

16 October 2018

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## SECTION 1: THE NAME AND STRUCTURE OF SUBSTANCE OR A MATERIAL

### 1.1. Product identifier

Product Name	DSI Sil-Flow.
Physical State	Semi-transparent gel.

### 1.2. Structure

Chemical characterization	1. Cas No 868-77-9 Hydroxyethyl methacrylate 2. Cas No 7631-86-9 Silicon dioxide 3. Cas No. 72869-86-4 Urethane dimethacrylate
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## SECTION 2: DATA ON THE ORGANIZATION-MANUFACTURER OR THE SUPPLIER

### 2.1. Details of the supplier of the safety data sheet:

Company Name	DSI Ltd.
Company Address	59 haAvoda str., Ashdod 7706300 Israel
Contact Name	Shlomi Krasner
Phone / Fax	+972.893.172.35
E-mail	info@dsisrael.com

### 2.2. Emergency telephone number:

Phone / Fax	+972.893.172.35
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## SECTION 3: HAZARDS IDENTIFICATION

3.1. Uncured material: Direct contact can cause eye and skin irritation.

3.2. The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.

## SECTION 4: MEASURES OF FIRST AID

### 4.1. Eye contact:

Flush with plenty of water. Consult a physician if irritation persists.

### 4.2. Skin contact:

Wash thoroughly with soap and water.

### 4.3. Ingestion:

No hazards anticipated from swallowing small amounts incidentally to normal handling.

### 4.4. Inhalation:

Remove to fresh air.

### 4.5. Further information:

If you feel unwell, seek medical advice (show this safety data sheet).

## SECTION 5: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY

### 5.1. Suitable extinguishing media:

Water fog, carbon dioxide, foam, dry chemecals.

### 5.2. Extinguishing media to avoid:

None known.

### 5.3. Flash point:

Not Applicable.

### 5.4. Ignition temperature:

Not Determined.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Clean up mechanically.

6.2. Dispose of according to local and national regulations.

## SECTION 7: HANDLING AND STORAGE

7.1. Handling: Only adequately trained personnel should handle this product.  
Keep out of reach of children.

7.2. Industrial hygiene: Usual hygienic measures for dental practice.  
When using, do not eat, drink or smoke.

7.3. Storage: Store at 1~30°.

7.4. Place of storage: Avoid exposure to direct light.

7.5. Fire-and explosion-protection: Not required.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Technical measures: Good general ventilation should be sufficient.

8.2. Control of threshold limits: None established.

8.3. Personal protective equipment:

8.3.1. Respiratory protection: Not required.

8.3.2. Hand protection: Gloves.

8.3.3. Eye protection: Safety goggles.

8.3.4. Other: None.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance	Paste type
9.2. Color	Yellow/Clear
9.3. Odour	Practically odourless
9.4. Change of physical state	Not Applicable
9.5. Density	Not Applicable
9.6. Vapour pressure	Not Applicable
9.7. Viscosity	Not determined
9.8. Solubility	be insoluble in water
Water sorption	
9.9. pH	None.
9.10. Further information	None.

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Thermal decomposition: None, if used in accordance to instructions.
- 10.2. Hazardous decomposition products: None under normal conditions of storage and use.
- 10.3. Hazardous reactions: None.
- 10.4. Further information: Avoid exposure of product to direct light.

## SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Acute toxicity: The oral LD-50 for rats is > 5000 mg/kg.  
Primary eye irritation test acc. to EEC Directive (Rabbit eye): not irritant
- 11.2. Subacute / Chronic toxicity: Uncured material: Direct contact may cause eye irritation.  
Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions.
- 11.3 Further information: No hazards anticipated from swallowing small amounts incidentally to normal handling.

## SECTION 12: ECOLOGICAL INFORMATION

- 12.1. No ecological problems to be anticipated if properly handled and used.  
Relevant physical and chemical properties.

## SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Take to a waste incineration plant, under conditions approved by the local authority.

## SECTION 14: TRANSPORT INFORMATION

14.1. Classification and restrictions according to air and marine transportation and storage of hazardous substance under the airline and ship safety act : Not available.

14.2. Notice : Observe the federal and local government regulations.

14.3. Classification and restrictions according to other foreign transportation laws : Not available.

14.4. IATA not regulated.

No hazardous materials with respect to these transportation regulations.

## SECTION 15: REGULATORY INFORMATION

The product is a medical device according to the EC-directive 93/42/EEC.

*Since the working conditions of the final user are unknown, the information presented in this safety data sheet is based on the current level of our knowledge, based on national and general standards.*

*The product should not be used for any other purpose than those indicated under heading without first receiving written instructions for use. The user must take all necessary measures to comply with the requirements and rules of the law.*

*The information in this safety data sheet should be considered as a description of the safety requirements that apply to our product and does not guarantee its properties.*