

# Safety Data Sheet

according to 91/155/EEC

<b>1. <u>Product identification/preparation/company undertaking</u></b> <b>Product details</b> <b>Trade name:</b> <b>SUPERHYDRO MEDIUM</b> <b>Manufacturer/supplier:</b> SciCan Ltd., 1440 Don Mills, Toronto, Ontario <b>Emergency information:</b> Dr. Jürgen Engelbrecht ++49 4121 483-0							
<b>2. <u>Composition/Information of Ingredients</u></b> <b>Chemical Characterization:</b> Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine. <b>Description:</b> <b>Hazardous components:</b> None. <b>CAS-Nr.:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 30%; text-align: center;">Name</th> <th style="width: 30%; text-align: center;">% R-classification</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Name	% R-classification			
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<b>3. <u>Hazards identification</u></b> <b>Risk identification:</b> <b>Special risks for human beings and environment:</b> None. <b>Classification:</b> Classification corresponds to actual EEC guidelines.							
<b>4. <u>First-aid measures</u></b> <b>General information:</b> <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 physician. <b>After swallowing:</b> Seek medical advice immediately.							
<b>5. <u>Fire fighting measures</u></b> <b>Extinguishing media:</b> CO <sub>2</sub> , water <b>Protective equipment:</b>							
<b>6. <u>Accidental release measures</u></b> <b>Personal precautions:</b> <b>Environmental precautions:</b> <b>Methods for cleaning up:</b> Wipe out with absorbent material. <b>Additional information:</b>							

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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 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>
<b>Melting point / melting range:</b>	N/A		
<b>Boiling point / boiling range:</b>	N/A		
<b>Flash point:</b>	N/A		
<b>Autoignation temperature:</b>	N/A		
<b>Danger of explosion:</b>	N/A		
<b>Density:</b>	1.33 (20°C)	g/cm <sup>3</sup> .	
<b>Vapor pressure:</b>	N/A		
<b>Viscosity:</b>	Paste.		
<b>pH:</b>	Neutral.		
<b>Solubility in / miscibility with:</b>	Partially soluble in toluene, petrol ether.		
<b>Contents of solvents:</b>	None.		
<b>Organic solvents:</b>			
<b>Water:</b>	Insoluble.		
<b>Contents of solids:</b>	None.		

## 10. Stability and reactivity

**Incompatibility with other substances:** Slight 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 impression 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:**

N/A

## 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