

Material Safety Data Sheet

Sil-Tech Super (Base and Catalyst)



Date of issue / Reference

22.12.2011 liprt / Version 4

Replaces version of

01.10.2007 lise / v3

Date of printing

22.12.2011 **Sheet No. 1523**

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Company

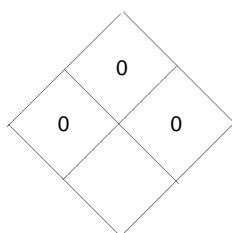
Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Principality of Liechtenstein

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

Sil-Tech Super (Base and Catalyst)

NFPA



HMIS

HMIS	
H	0
F	0
R	0
C	

1.2 Application / Use

Two component silicone impression materials for the dental laboratory

1.3 Producer

Ivoclar Vivadent AG, Bendererstrasse 2, 9494 Schaan
Principality of Liechtenstein (FL)

1.4 Supplier

Ivoclar Vivadent, Inc.
175 Pineview Drive, Amherst NY 14228, USA
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada
MSDS prepared by Andejeet Gulati. Tel. No. 716 691-0010

1.5 24 Hour Emergency Assistance

Emergency-Call USA- Infotrac: 1-800-535-5053
Emergency-Call Canada - Canutec: 1-613-996-6666

General MSDS Assistance

US: 1-800-533-6825
Canada: 1-800-263-8182

2 Composition

2.1 Chemical characterization

Preparation of polyvinylsiloxane, silicium dioxid, diatomaceous earth, hydrocarbon, and catalyst

2.2 Hazardous components

2.3 Further information

None.

3 Hazards identification

Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Prevent from accidental ingestion.

4 First aid measures

4.1 Eye contact

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

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- | | | |
|-----|---------------------|---|
| 4.2 | Skin contact | Wash thoroughly with soap and water. |
| 4.3 | Ingestion | After ingestion call a physician immediately and show this safety data sheet. Give large amounts of water. Induce vomiting. |
| 4.4 | Inhalation | Take into fresh air. |
| 4.5 | Further information | None. |
-

5 Fire-fighting measures

- | | | |
|-----|------------------------------|--|
| 5.1 | Suitable extinguishing media | Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | None known |
| 5.3 | Flash point | Test method: |
| 5.4 | Ignition temperature | |
| 5.5 | Explosion limits | Lower:
Upper:
not applicable |
| 5.6 | Further information | Under fire conditions some components of this product may decompose. Avoid breaving smoke. |
-

6 Accidental release measures

Clean up mechanically. Wash the area with soap and water. Do not allow to flow off into the drains or waters.
Dispose of according to local and national regulations.

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 2-28 °C / 36-82 °F |
| 7.4 | Place of storage | Store in a well ventilated, cool, dry area.
Keep containers tightly closed. |
| 7.5 | Fire- and explosion-protection | |
-

8 Exposure controls / Personal protection

- | | | |
|-----|-----------------------------|--|
| 8.1 | Technical measures | Good general ventilation should be sufficient. |
| 8.2 | Control of threshold limits | |

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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.

9 Physical and chemical properties

- 9.1 Appearance Paste
- 9.2 Colour yellow or white
- 9.3 Odour low
- 9.4 Change of physical state Test method:
not applicable
- 9.5 Density 1.7 g/cm³ (20°C)
- 9.6 Vapour pressure
not applicable
- 9.7 Viscosity
not known
- 9.8 Solubility
Solubility in water non soluble
- 9.9 pH
not known
- 9.10 Further information None.

10 Stability and reactivity

- 10.1 Thermal decomposition > 250 °C
- 10.2 Hazardous decomposition products None, if used in accordance to instructions.

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10.3 Hazardous reactions None, if used in accordance to instructions.

10.4 Further information None.

11 Toxicological information

11.1 Acute toxicity Sil-Tech Super possesses no cytotoxic potential.

11.2 Subacute / Chronic toxicity No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions.

11.3 Further information Avoid eye contact.

12 Ecological information

No ecological problems to be anticipated if properly handled and used.
nearly insoluble
Material is not degradable in the environment.
Do not discharge to sewers or natural waters.

13 Disposal considerations

Take to a special waste incineration plant, in line with local regulations.

14 Transport information

14.1	Transport at land	ADR	---	RID	---
		UN Number	---	Kemler Number	---
		Packing Group	---		
		Proper shipping name	---		
14.2	Transport at sea	ADNR	---	IMDG	---
		UN Number	---		
		EMS	---	MFAG	---
		Packing Group	---		
		Proper shipping name	---		

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14.3	Air transport	ICAO / IATA-DGR	---
		UN Number	---
		Proper shipping name	---
		Subsidiary Risk	---
		Labels	---
		Packing Group	---
	Passenger airplane	Packing Instructions	---
		max.	---
	Cargo Airplane	Packing Instructions	---
		max.	---
14.4	Further information	Product is not classified as a dangerous good for transport.	

15 Regulatory information This product does not require classification as Dangerous Goods.

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

16 Other information No other information.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.