

Material Safety Data Sheet

Sure-Vest Quick Liquid

Date of issue / Reference

20.12.2007 lise / Version 1

Replaces version of

Date of printing

20.12.2007 **Sheet No. 1720**

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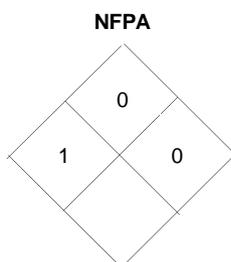
Company

Ivoclar Vivadent, Inc.
175 Pineview Drive, Amherst NY 14228, USA

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

Sure-Vest Quick Liquid



HMIS	
H	1
F	0
R	0
C	

1.2 Application / Use

Investment Material

1.3 Producer

Ivoclar Vivadent, Inc.
175 Pineview Drive, Amherst NY 14228, USA

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

2.2 Hazardous components

None.

CAS No. 107-21-1

0-20 % Ethylene glycol

Xn: Harmful. R22: Harmful if swallowed.

2.3 Further information

None.

3 Hazards identification

None, if used in accordance to instructions.

4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water (10-15 min.). Call a physician if irritation persists.

4.2 Skin contact

Wash thoroughly with soap and water.

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- | | | |
|-----|---------------------|------------------------------|
| 4.3 | Ingestion | Give large amounts of water. |
| 4.4 | Inhalation | Remove to fresh air. |
| 4.5 | Further information | None. |
-

5 Fire-fighting measures

- | | | |
|-----|------------------------------|-------------------------------------|
| 5.1 | Suitable extinguishing media | Not required since not combustible. |
| 5.2 | Extinguishing media to avoid | None known |
| 5.3 | Flash point | not flammable |
| 5.4 | Ignition temperature | not applicable |
| 5.5 | Explosion limits | Lower:
Upper:
not applicable |
| 5.6 | Further information | None. |
-

Test method:

6 Accidental release measures

Clean up with absorbent material such as sawdust, diatomaceous earth or universal absorbents.
Dispose of according to local and national regulations.

7 Handling and storage

- | | | |
|-----|--------------------------------|---|
| 7.1 | Handling | Only adequately trained personnel should handle this product. |
| 7.2 | Industrial hygiene | Usual hygienic measures for dental practice. |
| 7.3 | Storage | Store under dry conditions (12-28 °C / 54-82 °F). |
| 7.4 | Place of storage | Sensitive to cold below < 2 °C. |
| 7.5 | Fire- and explosion-protection | None. |
-

8 Exposure controls / Personal protection

- | | | |
|-------|--------------------------------|--|
| 8.1 | Exposure controls | During mixing it is recommended to apply local exhaust ventilation. |
| 8.2 | Exposure limit values | |
| 8.3 | Occupational exposure controls | |
| 8.3.1 | Respiratory protection | In poorly ventilated areas, use air-purifying respiratory protection apparatus (type A). |
| 8.3.2 | Hand protection | Gloves. |

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8.3.3 Eye protection Safety goggles.

8.3.4 Other None.

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour opaque

9.3 Odour odourless

9.4 Change of physical state Test method:

Boiling point 212 °F

9.5 Density 1.2 g/cm³

9.6 Vapour pressure

9.7 Viscosity

9.8 Solubility

Solubility in water
miscible

9.9 pH

9.10 Further information

Part. coeff. n-octanol/water

Evaporat. rate
None.

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 Conditions / materials to avoid None.

10.4 Further information None.

11 Toxicological information

11.1 Acute toxicity Oral LD50 for rats: > 15'000 mg/kg

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11.2 Subacute / Chronic toxicity Prolonged or repeated exposure may cause drying or irritation of the skin.

11.3 Further information None.

12 Ecological information

12.1 Ecotoxicity

12.2 Mobility

12.3 Persistence and degradability

12.4 Bioaccumulative potential

12.5 Further information No ecological problems to be anticipated if properly handled and used.

13 Disposal considerations

Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

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 ---
Marine pollutant

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.

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15 Regulatory information

This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

16 Other information

Version: 1

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.

This safety data sheet has been generated with the safety database 'ChemManager',
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