

# Material Safety Data Sheet

SUR-TEN Bake Liquid  
COLORBOND Liquid

Date of issue / Reference

14.01.2008      lise / Version 1

Replaces version of

Date of printing

14.01.2008      **Sheet No. 1729**

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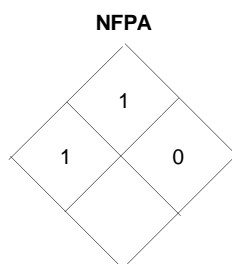
Company

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

## 1 Commercial product name and supplier

1.1 Commercial product name /  
Designation

**SUR-TEN Bake Liquid**  
**COLORBOND Liquid**



HMIS	
H	1
F	1
R	0
C	

1.2 Application / Use

Ceramic

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.

2.3 Further information

None.

## 3 Hazards identification

None.

## 4 First aid measures

4.1 Eye contact

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

4.2 Skin contact

Wash thoroughly with water.

4.3 Ingestion

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

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4.4 Inhalation Take into fresh air.

4.5 Further information Remove contaminated clothing.

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## 5 Fire-fighting measures

5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.

5.2 Extinguishing media to avoid Do not use direct water stream.

Test method:

5.3 Flash point 249 °F

5.4 Ignition temperature  
not determined

5.5 Explosion limits  
Lower:  
Upper:  
not determined

5.6 Further information Cool containers in the vicinity of the blaze using a water spray. Exposed to the heat of a fire the product may decompose, releasing toxic fumes.

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**6 Accidental release measures** Dispose of according to local and national regulations.

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## 7 Handling and storage

7.1 Handling Only adequately trained personnel should handle this product.

7.2 Industrial hygiene Avoid eye and skin contact. Usual hygienic measures are necessary.

7.3 Storage Store at 12-28 °C / 54-82 °F.

7.4 Place of storage Store containers tightly closed in a well ventilated area.

7.5 Fire- and explosion-protection Not required.

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## 8 Exposure controls / Personal protection

8.1 Exposure controls Ensure adequate venting.

8.2 Exposure limit values None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection Do not breathe vapour.

8.3.2 Hand protection Gloves.

8.3.3 Eye protection Safety goggles.

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8.3.4 Other      Eye wash fountain should be located in immediate work area.

8.4 Environmental exposure controls

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## 9 Physical and chemical properties

- 9.1 Appearance      Liquid
- 9.2 Colour      transparent colourless
- 9.3 Odour      practically odourless
- 9.4 Change of physical state      Test method:  
Boiling point      404 °F
- 9.5 Density      1.005 g/cm<sup>3</sup>
- 9.6 Vapour pressure      0.06 mbar (20°C)
- 9.7 Viscosity      not known
- 9.8 Solubility  
water      soluble
- 9.9 pH      not determined
- 9.10 Further information  
Part. coeff. n-octanol/water  
Evaporat. rate
- 

## 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.  
Combustion products include: Carbon monoxide and carbon dioxide
- 10.3 Conditions / materials to avoid      With strong oxidisers.
- 10.4 Further information      Product is hygroscopic.
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## 11 Toxicological information

- 11.1 Acute toxicity      Oral LD50 for rats: 18610 mg/kg

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11.2 Subacute / Chronic toxicity

None, if used in accordance to instructions.

11.3 Further information

Excessive exposure may cause eye and respiratory irritation.

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## 12 Ecological information

12.1 Ecotoxicity

No data available.

12.2 Mobility

No data available.

12.3 Persistence and degradability

No data available.

12.4 Bioaccumulative potential

No data available.

12.5 Further information

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

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## 13 Disposal considerations

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

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## 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.

15.1   National regulations

15.2   NFPA Storage

15.3   Further information

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## 16    Other information

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*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.*

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This safety data sheet has been generated with the safety database 'ChemManager',  
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Weiherweg 3, CH-4104 Oberwil, Switzerland

