

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076750285

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

076750202 076750210 076750236 076750269 076750319 076750327

REVISION DATE 15/01/2013

## MATERIAL SAFETY DATA SHEET

### SOFRELINER TOUGH S-Paste

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	SOFRELINER TOUGH S-Paste
PRODUCT USE	Denture Liner, a component of kit. For dental professionals only.
SUPPLIER	Tokuyama Dental America Inc. Tel: (877) 378 3548 (Toll-Free)
MANUFACTURER	Tokuyama Dental Corporation 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan TEL: +81-3-3835-7201
CONTACT PERSON	<a href="http://www.tokuyama-dental.com/contact.htm">http://www.tokuyama-dental.com/contact.htm</a>
EMERGENCY TELEPHONE	Washington National Capital Poison Center 3201 New Mexico Avenue, Suite 310 Washington, DC 20016 Telephone: +1 202 362 3867 Emergency telephone: 1 800 222 1222 Fax: +1 202 362 8377 E-mai: <a href="mailto:pc@poison.org">pc@poison.org</a> Web site: <a href="http://www.poison.org">http://www.poison.org</a>  San Francisco California Poison Control System at San Francisco General Hospital University of California San Francisco, Box 1369 1001 Potrero Avenue, Bldg 5 Rm 2A21 San Francisco, California 94143-1369 Telephone: +1 415 643 3200 Emergency telephone: 1 800 222 1222 Fax: +1 415 502 6010 E-mail: <a href="mailto:coadmin@calpoison.org">coadmin@calpoison.org</a> Web site: <a href="http://www.calpoison.org">http://www.calpoison.org</a>  <a href="http://www.who.int/ipcs/poisons/centre/en/">http://www.who.int/ipcs/poisons/centre/en/</a>

#### 2 HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

##### INGESTION

Not irritating.

##### SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

##### EYE CONTACT

Irritating and may cause redness and pain.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %
Non-Hazardous components			80-100%

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INHALATION

Move the exposed person to fresh air at once.

##### INGESTION

Try to induce vomiting. Get medical attention.

##### SKIN CONTACT

Wash the skin immediately with soap and water.

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**SOFRELINER TOUGH S-Paste****EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Fire can be extinguished using: Foam. Carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapors.

**SPECIFIC HAZARDS**

When heated and in case of fire, irritating vapours/gases may be formed.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing.

**6 ACCIDENTAL RELEASE MEASURES****SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

**7 HANDLING AND STORAGE****HANDLING**

All handling to take place in well-ventilated area.

**STORAGE**

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, sparks and open flame.

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**HAND PROTECTION**

Wear protective gloves.

**EYE PROTECTION**

Wear approved safety goggles.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE                      Transparent paste

COLOR                              Pink

RELATIVE DENSITY              1.1

pH-VALUE, CONC. SOLUTION    7

**10 STABILITY AND REACTIVITY**

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**SOFRELINER TOUGH S-Paste****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Keep away from heat, sparks and open flame.

**MATERIALS TO AVOID**

Strong oxidizing agents. Acids. Alkalies. Alcohol

**HAZARDOUS DECOMPOSITION PRODUCTS**

Toxic gases are generated when heated.

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No data on possible toxic effects have been found.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

No data on possible environmental effects have been found.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION****TRANSPORT NOTES**

Not regulated.

**15 REGULATORY INFORMATION****INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
Non-Hazardous components	No.	No.	EINECS					

COMPONENT	TSCA 12(b) Export Notification
Non-Hazardous components	No.

**REGULATORY REFERENCES**

29 CFR 1910. 1200(g) Federal Regulations (OSHA Standard).

**16 OTHER INFORMATION**

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15/01/2013

**DISCLAIMER**

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp. has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such.

# SAFETY DATA SHEET

## SOFRELINER TOUGH S-Paste

### 1. Identification

#### Product identifier

**Product name** SOFRELINER TOUGH S-Paste

#### Recommended use of the chemical and restrictions on use

**Restriction on use** Denture Liner, a component of kit. For dental professionals only.

#### Details of the supplier of the safety data sheet

**Supplier** Tokuyama Dental America, Inc.  
740 Garden View CT., Suite 200 Encinitas, CA 92024 U.S.A.  
Tel: +1-760-942-7211  
Fax: +1-760-942-7212

**Contact person** <http://www.tokuyama-dental.com/contact.htm>

**Manufacturer** Tokuyama Dental Corporation  
38-9, Taitou 1-chome, Taitou-ku, Tokyo  
110-0016, Japan  
TEL: +81-3-3835-2261  
FAX: +81-3-3835-2265

#### Emergency telephone number

**Emergency telephone** Tokuyama Dental America, Inc. Tel: +1-760-942-7211  
Days and hours of operation : 9:00-17:00(PST/PDT), Weekdays, except national holidays in US.  
Language: English only.

### 2. Hazard identification

#### Classification of the substance or mixture

**WHMIS Regulatory Status** This product has been classified according to the hazard criteria of the Hazardous Product Regulations and the SDS contains all required information.

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

#### Label elements

**Hazard statements** NC Not Classified

### 3. Composition/information on ingredients

#### Mixtures

<b>DIMETHYL POLYSILOXANE (VINYL TERMINATED)</b>	<b>50-80%</b>
CAS number: 68083-19-2	

<b>SILICA</b>	<b>10-30%</b>
CAS number: 7631-86-9	

### 4. First-aid measures

#### Description of first aid measures

## SOFRELINER TOUGH S-Paste

<b>General information</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Try to induce vomiting. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

### Most important symptoms and effects, both acute and delayed

<b>General information</b>	No information available.
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### Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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## 5. Fire-fighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Foam. Carbon dioxide or dry powder.
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### Specific hazards arising from the hazardous product

<b>Specific hazards</b>	Irritating gases or vapours.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours.
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<b>Special protective equipment for firefighters</b>	Wear chemical protective suit.
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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### Environmental precautions

<b>Environmental precautions</b>	No specific recommendations.
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### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
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### Reference to other sections

<b>Reference to other sections</b>	For waste disposal, see Section 13.
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## 7. Handling and storage

### Precautions for safe handling

<b>Usage precautions</b>	All handling should only take place in well-ventilated areas.
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### Conditions for safe storage, including any incompatibilities

## SOFRELINER TOUGH S-Paste

**Storage precautions** Store at temperatures between 0°C/32°F and 25°C/77°F. Keep away from heat, sparks and open flame. Avoid exposure to high temperatures or direct sunlight.

**Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure Controls/personal protection

**Ingredient comments** No exposure limits known for ingredient(s).

**Exposure controls**

**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Eye/face protection** The following protection should be worn: Chemical splash goggles.

**Hand protection** Wear protective gloves.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**Respiratory protection** No specific recommendations.

### 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

<b>Appearance</b>	Paste
<b>Colour</b>	Transparent, Pink
<b>Odour</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	pH (concentrated solution): 7
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.1
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient</b>	Not available.

## SOFRELINER TOUGH S-Paste

<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not available.
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	May polymerize.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	In contact with acids, alkalis or alcohols, generates hydrogen.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame.
<b>Materials to avoid</b>	Strong oxidizing agents. Acids. Alkalis. Alcohols.
<b>Hazardous decomposition products</b>	Heating may generate the following products: Toxic gases or vapours.

### 11. Toxicological information

#### Information on toxicological effects

<b>Routes of exposure</b>	Skin , Eyes , Ingestion , Inhalation , Health effects: See section 4.
<b><u>Acute toxicity - oral</u></b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Not available.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Not available.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Not available.
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Not available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Not available.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Not available.
<b>Genotoxicity - in vivo</b>	Not available.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Not available.
<b>IARC carcinogenicity</b>	Some of the ingredients are listed or exempt.
<b>NTP carcinogenicity</b>	Some of the ingredients are listed or exempt.



## SOFRELINER TOUGH S-Paste

**OSHA Carcinogenicity**                      None of the ingredients are listed.

**Reproductive toxicity**

**Reproductive toxicity - fertility**    Not available.

**Reproductive toxicity - development**                      Not available.

**Specific target organ toxicity - single exposure**

**STOT - single exposure**                      Not available.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure**                      Not available.

**Aspiration hazard**

**Aspiration hazard**                      Not available.

**Toxicological information on ingredients**

**SILICA**

**Carcinogenicity**

**IARC carcinogenicity**                      IARC Group 3    Not classifiable as to its carcinogenicity to humans.

**NTP carcinogenicity**                      Reasonably anticipated to be a human carcinogen.

**OSHA Carcinogenicity**                      Not listed.

### 12. Ecological Information

**Toxicity**                      Not available.

**Persistence and degradability**

**Persistence and degradability**    No data available.

**Bioaccumulative potential**

**Bioaccumulative potential**                      No data available on bioaccumulation.

**Partition coefficient**                      Not available.

**Mobility in soil**

**Mobility**                      No information available.

**Other adverse effects**

**Other adverse effects**                      Not known.

### 13. Disposal considerations

**Waste treatment methods**

**Disposal methods**                      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

**General**                      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, TDG).

**UN number**

**UN No. (International)**                      Not applicable.

## SOFRELINER TOUGH S-Paste

UN No. (DOT) Not applicable.

### UN proper shipping name

Proper shipping name (International) Not applicable.

Proper shipping name (DOT) Not applicable.

### Transport hazard class(es)

Transport Labels (International) Not applicable.

DOT transport label

### Packing group

Packing group (International) Not applicable.

DOT packing group Not applicable.

### Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## 15. Regulatory information

**Regulatory References** According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR) Hazardous Products Regulations - SOR/2015-17. Transportation of Dangerous Goods Regulations - SOR/2015-100.

## 16. Other information

**Training advice** Ensure operatives are trained to minimize exposure. Only trained personnel should use this material.

**Revision comments** This is first issue.

**Revision date** 20/03/2018

**Revision** 1

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp. has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such information.