

## **SAFETY DATA SHEETS**

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

076750152

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076750020 076750160 076750186 076750244

**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 076750319

Revision Date 08/17/2017  
Revision 2

## SAFETY DATA SHEET SOFRELINER TOUGH Primer

### 1. IDENTIFICATION

|                            |   |
|----------------------------|---|
| <b>Product Name</b>        | SOFRELINER TOUGH Primer   |
| <b>Identified uses</b>     | Denture Liner, a component of kit. For dental professionals only.   |
| <b>Supplier</b>            | Tokuyama Dental America Inc.<br>Tel: (877) 378 3548 (Toll-Free)   |
| <b>Contact Person</b>      | <a href="http://www.tokuyama-dental.com/tdc/contact.html">http://www.tokuyama-dental.com/tdc/contact.html</a>   |
| <b>Manufacturer</b>        | Tokuyama Dental Corporation<br>38-9, Taitou 1-chome, Taitou-ku, Tokyo<br>110-0016, Japan<br>TEL: +81-3-3835-2261  |
| <b>Emergency Telephone</b> | California Poison Control System - San Francisco Division<br>San Francisco General Hospital<br>Bldg 5 Rm 2A21, 1001 Potrero Ave, San Francisco<br>Emergency telephone number: 1 800 222 1222<br>E-mail address: <a href="mailto:coadmin@calpoison.org">coadmin@calpoison.org</a><br><a href="http://www.calpoison.org">http://www.calpoison.org</a><br><br>National Capital Poison Center<br>3201 New Mexico Ave, Ste 310, Washington DC<br>Emergency telephone number: 1 800 222 1222<br>Telephone number: +1 202 362 3867<br>Facsimile number: +1 202 362 8377<br>E-mail address: <a href="mailto:pc@poison.org">pc@poison.org</a><br><a href="http://www.poison.org">http://www.poison.org</a> |

### 2. HAZARD(S) IDENTIFICATION

|                      |                |
|----------------------|----------------|
| <b>Appearance</b>    | Clear liquid   |
| <b>Color</b>         | Colourless     |
| <b>Odor</b>          | Characteristic |
| <b>GHS Pictogram</b> |                |



|                    |        |
|--------------------|--------|
| <b>Signal Word</b> | Danger |
|--------------------|--------|

#### Hazard Statements

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation.      |
| H336 | May cause drowsiness or dizziness.  |

#### Precautionary Statements

|              |  |
|--------------|--|
| P210         | Keep away from heat/sparks/open flames/hot surfaces. – No smoking.   |
| P271         | Use only outdoors or in a well-ventilated area.  |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

## SOFRELINER TOUGH Primer

P403+233

Store in a well-ventilated place. Keep container tightly closed.

P501

Dispose of contents/container in accordance with local regulations.

### GHS Classification

|                               |                                       |
|-------------------------------|---------------------------------------|
| Physical and Chemical Hazards | Flam. Liq. 2 - H225                   |
| Human health                  | Eye Irrit. 2 - H319; STOT SE 3 - H336 |
| Environment                   | Not classified.                       |

### Hazard Not Otherwise Classified (HNOC)

Repeated exposure may cause skin dryness or cracking.

### OSHA Regulatory Status

This Product is Hazardous under the OSHA Hazard Communication Standard.

### General Information

May cause irritation to the respiratory system. Vapors may cause drowsiness and dizziness. IF SWALLOWED: Slightly irritating. ( DIGESTIVE SYSTEM. ) This chemical may cause skin/eye irritation. Product has a defatting effect on skin. Prolonged skin contact may cause redness, irritation and dry skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

ETHYL ACETATE

80-100%

CAS No.: 141-78-6

EC No.: 205-500-4

GHS Classification

Flam. Liq. 2 - H225; Eye Irrit. 2 - H319; STOT SE 3 - H336

## 4. FIRST-AID MEASURES

### Description of 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

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

#### Skin Contact

Wash the skin immediately with soap and water.

#### 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.

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

#### Inhalation

Irritating to respiratory system. Vapors may cause drowsiness and dizziness.

#### Ingestion

Slightly irritating. ( DIGESTIVE SYSTEM. )

#### Skin Contact

Slightly irritating. Product has a defatting effect on skin. Prolonged contact may cause redness and irritation.

#### Eye Contact

Irritating and may cause redness and pain.

### Indication of any immediate medical attention and special treatment needed

#### Notes To The Physician

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

## 5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C) 427°C

Flammability Limit - Lower(%) 2

Flammability Limit - Upper(%) 11.5

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**Flash point (°C)** -4°C

### Extinguishing Media

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

### Specific Hazards

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

### Special Fire Fighting Procedures

Avoid breathing fire vapors.

### Protective Equipment For Fire-Fighters

Wear full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Wear protective clothing as described in Section 8 of this material safety data sheet.

### Environmental Precautions

Do not allow to enter drains, sewers or watercourses.

### 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. Do not contaminate water sources or sewer.

### Reference to other sections

For personal protection, see section 8.

## 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, direct sunlight, sparks and open flames.

### Storage Class

Flammable liquid storage.

### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| COMPONENT     | STD   | TWA (8-hrs) |                        | STEL (15 min) |  | Notes    |
|---------------|-------|-------------|------------------------|---------------|--|----------|
|               |       |             |                        |               |  |          |
| ETHYL ACETATE | ACGIH | 400 ppm     |                        |               |  |          |
| ETHYL ACETATE | PEL   | 400 ppm     | 1400 mg/m <sup>3</sup> |               |  |          |
| COMPONENT     |       |             |                        |               |  | IDLH     |
| ETHYL ACETATE |       |             |                        |               |  | 2000 ppm |

ACGIH=American Conference of Governmental Industrial Hygienists.

### Protective Equipment



### Engineering Measures

Provide adequate general and local exhaust ventilation.

### Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

### Hand Protection

Wear protective gloves.

### Eye Protection

Wear approved safety goggles.

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### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands 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

|  |                           |
|--|---------------------------|
| <b>Appearance</b>                              | Clear liquid.             |
| <b>Color</b>                                   | Colourless.               |
| <b>Odor</b>                                    | Characteristic.           |
| <b>Solubility</b>                              | No information available. |
| <b>Initial boiling point and boiling range</b> | 77°C                      |
| <b>Melting point (°C)</b>                      | Not available.            |
| <b>Relative density</b>                        | Not available.            |
| <b>Vapor density (air=1)</b>                   | Not available.            |
| <b>Vapor pressure</b>                          | Not available.            |
| <b>Evaporation rate</b>                        | Not available.            |
| <b>pH-Value, Conc. Solution</b>                | Not available.            |
| <b>pH-Value, Diluted Solution</b>              | Not available.            |
| <b>Viscosity</b>                               | Not available.            |
| <b>Decomposition temperature (°C)</b>          | Not available.            |
| <b>Odour Threshold, Lower</b>                  | Not available.            |
| <b>Odour Threshold, Upper</b>                  | Not available.            |
| <b>Flash point</b>                             | -4°C                      |
| <b>Auto Ignition Temperature (°C)</b>          | 427°C                     |
| <b>Flammability Limit - Lower(%)</b>           | 2                         |
| <b>Flammability Limit - Upper(%)</b>           | 11.5                      |
| <b>Partition Coefficient (N-Octanol/Water)</b> | Not available.            |
| <b>Explosive properties</b>                    | Not available.            |
| <b>Other Flammability</b>                      | Not available.            |
| <b>Oxidising properties</b>                    | Not available.            |

## 10. STABILITY AND REACTIVITY

### Reactivity

No information available.

### Stability

HIGHLY FLAMMABLE!

Hazardous reactions:

Not available.

## SOFRELINER TOUGH Primer

### Conditions To Avoid

Keep away from heat, sparks and open flame. Protect against direct sunlight.

### Materials To Avoid

Strong oxidizing agents.

### Hazardous Decomposition Products

Toxic gases are generated when heated.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

Not available.

### Skin Corrosion/Irritation:

Slightly irritating. Product has a defatting effect on skin. Prolonged skin contact may cause redness and irritation.

### Serious eye damage/irritation:

Irritating and may cause redness and pain.

### Respiratory or skin sensitisation:

#### Respiratory sensitisation

Not available.

#### Skin sensitisation

Not available.

### Germ cell mutagenicity:

Not available.

### Carcinogenicity:

Not established : IARC, NTP, EU, OSHA, ACGIH

### Reproductive Toxicity:

Not available.

### Specific target organ toxicity - single exposure:

Irritating to respiratory system. Vapors may cause drowsiness and dizziness.

### Specific target organ toxicity - repeated exposure:

#### STOT - Repeated exposure

Not available.

### Aspiration hazard:

#### Viscosity

Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data on possible environmental effects have been found.

### Toxicity

No data available.

### Degradability

No data available.

### Bioaccumulative potential

No data available on bioaccumulation.

### Partition coefficient

Not available.

### Mobility:

No information available.

## SOFRELINER TOUGH Primer

### Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

### Other adverse effects

Not known.

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

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

## 14. TRANSPORT INFORMATION

|                          |  |
|--------------------------|--|
| UN No. (DOT/TDG)         | 1133                                     |
| UN No. (IMDG)            | 1133                                     |
| UN No. (ICAO)            | 1133                                     |
| DOT Proper Shipping Name | ADHESIVES, CONTAINING A FLAMMABLE LIQUID |
| TDG Proper Shipping Name | ADHESIVES, CONTAINING A FLAMMABLE LIQUID |
| DOT Hazard Class         | 3  |
| DOT Hazard Label         | Flammable Liquid                         |
| TDG Class                | 3  |
| TDG Label(s)             | 3  |
| IMDG Class               | 3  |
| ICAO Class               | 3  |

### Transport Labels



|                 |    |
|-----------------|----|
| DOT Pack Group  | II |
| IMDG Pack Group | II |
| Air Pack Group  | II |

Environmentally Hazardous Substance/Marine Pollutant  
No.

EMS F-E, S-D

Special precautions for user Not applicable.

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

## 15. REGULATORY INFORMATION

### Regulatory Status (US)

This Product is Hazardous under the OSHA Hazard Communication Standard.

### Regulatory References

29 CFR 1910.1200(g) Federal Regulations (OSHA Standard).

### US Federal Regulations

#### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

## SOFRELINER TOUGH Primer

### CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

All ingredients are listed.

ETHYL ACETATE; 5, 000 lbs (2270 Kg)

### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

### SARA 313 Emission Reporting

None of the ingredients are listed.

### CAA Accidental Release Prevention

None of the ingredients are listed.

### SARA (311/312) Hazard Categories

Fire Acute

### OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

#### California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed.

#### California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

#### Massachusetts "Right To Know" List

All ingredients are listed.

#### Rhode Island "Right To Know" List

All ingredients are listed.

#### Minnesota "Right To Know" List

All ingredients are listed.

#### New Jersey "Right To Know" List

All ingredients are listed.

#### Pennsylvania "Right To Know" List

All ingredients are listed.

### International Inventories

#### EU - EINECS/ELINCS

All ingredients are listed or exempt.

#### Canada – DSL/NDSL

All ingredients are listed or exempt.

#### US - TSCA

All ingredients are listed or exempt.

#### US – TSCA 12(b) Export Notification

None of the ingredients are listed.

## 16. OTHER INFORMATION

### Revision Comments

|               |            |
|---------------|------------|
| Revision Date | 08/17/2017 |
| Revision      | 2          |

### Disclaimer

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