SAFETY DATA SHEET
SOFRELINER TOUGH Primer

1. IDENTIFICATION

Product Name
SOFRELINER TOUGH Primer

Identified uses
Denture Liner, a component of kit. For dental professionals only.

Supplier
Tokuyama Dental America Inc.
Tel: (877) 378 3548 (Toll-Free)

Contact Person
http://www.tokuyama-dental.com/tdc/contact.html

Manufacturer
Tokuyama Dental Corporation
38-9, Taitou 1-chome, Taitou-ku, Tokyo
110-0016, Japan

Emergency Telephone
California Poison Control System - San Francisco Division
San Francisco General Hospital
Bldg 5 Rm 2A21, 1001 Potrero Ave, San Francisco
Emergency telephone number: 1 800 222 1222
E-mail address: coadmin@calpoison.org
http://www.calpoison.org

National Capital Poison Center
3201 New Mexico Ave, Ste 310, Washington DC
Emergency telephone number: 1 800 222 1222
Telephone number: +1 202 362 3867
Facsimile number: +1 202 362 8377
E-mail address: pc@poison.org
http://www.poison.org

2. HAZARD(S) IDENTIFICATION

Appearance
Clear liquid

Color
Colourless

Odor
Characteristic

GHS Pictogram

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Hazard Statements</th>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
<td>H225 Highly flammable liquid and vapour.</td>
<td>P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.</td>
</tr>
<tr>
<td></td>
<td>H319 Causes serious eye irritation.</td>
<td>P271 Use only outdoors or in a well-ventilated area.</td>
</tr>
<tr>
<td></td>
<td>H336 May cause drowsiness or dizziness.</td>
<td>P280 Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
</tbody>
</table>

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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Store in a well-ventilated place. Keep container tightly closed.
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

<table>
<thead>
<tr>
<th>ETHYL ACETATE</th>
<th>80-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS No.: 141-78-6</td>
<td>EC No.: 205-500-4</td>
</tr>
</tbody>
</table>

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℃ |
| Flammability Limit - Lower(%) | 2   |
| Flammability Limit - Upper(%) | 11.5 |
SOFRELINER TOUGH Primer

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

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>STD</th>
<th>TWA (8-hrs)</th>
<th>STEL (15 min)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL ACETATE</td>
<td>ACGIH</td>
<td>400 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>PEL</td>
<td>400 ppm</td>
<td>1400 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL ACETATE</td>
<td>2000 ppm</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>9. PHYSICAL AND CHEMICAL PROPERTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Odor</td>
</tr>
<tr>
<td>Solubility</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
</tr>
<tr>
<td>Melting point (°C)</td>
</tr>
<tr>
<td>Relative density</td>
</tr>
<tr>
<td>Vapor density (air=1)</td>
</tr>
<tr>
<td>Vapor pressure</td>
</tr>
<tr>
<td>Evaporation rate</td>
</tr>
<tr>
<td>pH-Value, Conc. Solution</td>
</tr>
<tr>
<td>pH-Value, Diluted Solution</td>
</tr>
<tr>
<td>Viscosity</td>
</tr>
<tr>
<td>Decomposition temperature (°C)</td>
</tr>
<tr>
<td>Odour Threshold, Lower</td>
</tr>
<tr>
<td>Odour Threshold, Upper</td>
</tr>
<tr>
<td>Flash point</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
</tr>
<tr>
<td>Partition Coefficient (N-Octanol/Water)</td>
</tr>
<tr>
<td>Explosive properties</td>
</tr>
<tr>
<td>Other Flammability</td>
</tr>
<tr>
<td>Oxidising properties</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
No information available.

Stability
HIGHLY FLAMMABLE!
Hazardous reactions:
Not available.
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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.
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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

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No. (DOT/TDG)</td>
<td>1133</td>
</tr>
<tr>
<td>UN No. (IMDG)</td>
<td>1133</td>
</tr>
<tr>
<td>UN No. (ICAO)</td>
<td>1133</td>
</tr>
<tr>
<td>DOT Proper Shipping Name</td>
<td>ADHESIVES, CONTAINING A FLAMMABLE LIQUID</td>
</tr>
<tr>
<td>TDG Proper Shipping Name</td>
<td>ADHESIVES, CONTAINING A FLAMMABLE LIQUID</td>
</tr>
<tr>
<td>DOT Hazard Class</td>
<td>3</td>
</tr>
<tr>
<td>DOT Hazard Label</td>
<td>Flammable Liquid</td>
</tr>
<tr>
<td>TDG Class</td>
<td>3</td>
</tr>
<tr>
<td>TDG Label(s)</td>
<td>3</td>
</tr>
<tr>
<td>IMDG Class</td>
<td>3</td>
</tr>
<tr>
<td>ICAO Class</td>
<td>3</td>
</tr>
</tbody>
</table>

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

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed.
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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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