

SAFETY DATA SHEET

SOFRELINER TOUGH M-Paste

1. IDENTIFICATION

Product Name SOFRELINER TOUGH M-Paste

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

Supplier Tokuyama Dental America Inc.
Tel: (877) 378 3548 (Toll-Free)
<http://www.tokuyama-dental.com/contact.htm>

Contact Person

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Web site: <http://www.calpoison.org>

<http://www.who.int/ipcs/poisons/centre/en/>

2. HAZARD(S) IDENTIFICATION

Appearance Transparent paste

Color Pink

Odor No information available.

GHS Pictogram
No pictogram required.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Hazard Not Otherwise Classified (HNOC)

Not applicable.

OSHA Regulatory Status

This Product is Not Hazardous under the OSHA Hazard Communication Standard.

General Information

Prolonged skin contact may cause redness and irritation. May cause minor irritation on eye contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SOFRELINER TOUGH M-Paste

SILICON DIOXIDE		10-30%
CAS No.: 7631-86-9	EC No.: 231-545-4	
GHS Classification Not classified.		

α , ω -DIVINYLSILOXANE		50-80%
CAS No.: 68083-19-2	EC No.:	
GHS Classification Not classified.		

4. FIRST-AID MEASURESDescription 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

Try to induce vomiting. Get medical attention.

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**Ingestion**

Not Irritating.

Skin Contact

Prolonged and frequent 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**

Treat Symptomatically. Wear suitable protective clothing.

5. FIRE-FIGHTING MEASURES**Auto Ignition Temperature (°C)**

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available.

Flash point (°C)

Not available.

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.

SOFRELINER TOUGH M-Paste

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

Avoid discharge into drains, water courses or onto the ground.

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.

Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

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.

Specific end use(s)

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments

SILICON DIOXIDE :

OSHA PEL - TWA (8-hrs)

Amorphous, including natural diatomaceous earth: 20 mppcf, 80 mg/m³/SiO₂

NIOSH IDLH: 3,000 mg/m³

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.

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

Appearance

Transparent paste

Color

Pink

SOFRELINER TOUGH M-Paste

Odor	No information available.
Solubility	No information available.
Initial boiling point and boiling range	
Not available.	
Melting point (°C)	
Not available.	
Relative density	1.1
Vapor density (air=1)	
Not available.	
Vapor pressure	
Not available.	
Evaporation rate	
Not available.	
pH-Value, Conc. Solution	7
pH-Value, Diluted Solution	
Not available.	
Viscosity	
Not available.	
Decomposition temperature (°C)	
Not available.	
Odour Threshold, Lower	
Not available.	
Odour Threshold, Upper	
Not available.	
Flash point	
Not available.	
Auto Ignition Temperature (°C)	
Not available.	
Flammability Limit - Lower(%)	
Not available.	
Flammability Limit - Upper(%)	
Not available.	
Partition Coefficient (N-Octanol/Water)	
Not available.	
Explosive properties	
Not available.	
Other Flammability	
Not available.	
Oxidising properties	
Not available.	

10. STABILITY AND REACTIVITY**Reactivity**

May polymerise.

Stability

Stable under normal temperature conditions and recommended use.

Hazardous reactions:

In contact with acids, alkalis or alcohols, generates hydrogen.

Conditions To Avoid

Keep away from heat, sparks and open flame.

Materials To Avoid

Strong oxidizing agents. Acids. Alkalis. Alcohol

Hazardous Decomposition Products

Toxic gases are generated when heated.

11. TOXICOLOGICAL INFORMATION

SOFRELINER TOUGH M-Paste

Acute toxicity:

Not available.

Skin Corrosion/Irritation:

Prolonged and frequent 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:

Carcinogenicity

Not available.

IARC Carcinogenicity

SILICON DIOXIDE : IARC Group 3 Not classifiable as to its carcinogenicity to humans.

NTP - Carcinogenicity

Not listed.

OSHA - Carcinogenicity

Not listed.

Reproductive Toxicity:

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:

Viscosity

Not available.

12. ECOLOGICAL INFORMATION

Toxicity

No data available.

Degradability

No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

Mobility:

No information available.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

SOFRELINER TOUGH M-Paste

Other adverse effects

Not known.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

14. TRANSPORT INFORMATION

General Not regulated.

UN No. (DOT/TDG) N/A

UN No. (IMDG) N/A

UN No. (ICAO) N/A

DOT Proper Shipping Name Not applicable.

DOT Hazard Class

No classification noted.

DOT Hazard Label

No DOT label requirement noted

IMDG Class Not applicable.

ICAO Class Not applicable.

Transport Labels

No transport warning sign required.

DOT Pack Group Not applicable.

IMDG Pack Group Not applicable.

Air Pack Group Not applicable.

Environmentally Hazardous Substance/Marine Pollutant

No.

Special precautions for user Not available.

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 Not 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.

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

None of the ingredients are listed.

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

None.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

SOFRELINER TOUGH M-Paste**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

The following ingredients are listed.

SILICON DIOXIDE

Rhode Island "Right To Know" List

None of the ingredients are listed.

Minnesota "Right To Know" List

The following ingredients are listed.

SILICON DIOXIDE

New Jersey "Right To Know" List

None of the ingredients are listed.

Pennsylvania "Right To Know" List

The following ingredients are listed.

SILICON DIOXIDE

International Inventories**EU - EINECS/ELINCS**

The following ingredients are listed.

SILICON DIOXIDE

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 Date 11/28/2014

Revision 2

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.