

SAFETY DATA SHEETS

This SDS packet was issued with item:

075184304

N/A

Introduction

Silk Line is designed to meet the high requirements of the modern fabrication of long-term soft denture relines. Silk Line is a long lasting soft denture relining material based on addition curing vinyl silicones in an automix cartridge. Silk Line is indicated for use with all polymethylmethacrylate based synthetics for fast and easy fabrication of direct chairside soft relines or for indirect use in the dental laboratory.

Silk Line relieves pressure areas and sore spots in the upper and lower jaws. It provides increased retention by creating a functional post-dam and also adapts well to even flabby ridges. The occlusion of full upper and lower dentures is improved by the increased retention and stability. Sharp ridged alveolar processes are elastically covered.

Silk Line is also suitable for cushioning implants that are used in conjunction with overdentures during the healing process. Silk Line Primer is a bonding agent used between Silk Line paste and the denture, and the Silk Line Varnish smoothes the rough trimmed surfaces of the soft relining material.

Kit contents

Paste cartridge (50ml) x 1
Primer (5ml) x 1
Varnish base (5ml) x 1
Varnish catalyst (5ml) x 1
Mixing tip (S) x 10
Disposable mixing well x 10
Disposable brush x 20
Brush handle x 1



Instructions for use

1. Preparation of the Denture

Completely remove any remaining old reline material. Grind off the denture base approximately 1-2 mm. Incorporate a shoulder of approximately 2-3 mm in height with a depth of a minimum of 1 mm at the lingual and buccal vestibular areas. Round off the borders and clean the denture surface thoroughly with alcohol and let dry.

2. Applying Silk Line Primer for Adhesion

Apply Silk Line Primer uniformly and completely onto the denture areas to which the material is to adhere. Let the primer dry for approximately 1 minute. After use close the bottle immediately. Saliva, humidity or monomer liquids may prevent the adhesion of Silk Line to the denture base.

3. Preparing Paste Cartridge

Mount the cartridge into the dispensing gun. Remove and dispose of the closure-cap. For exact flow control extrude a small amount of material until uniform flow from both orifices is achieved. Place the mixing tip onto the cartridge and extrude needed material.

Note:

Store used cartridge by leaving the used mixing tip attached to the cartridge. Do not re-use the cartridge cap. This could cause cross contamination of components resulting in an incomplete setting.

4. Relining of the Denture

4.1. Direct Chairside Relining Method

Silk Line has to be expressed uniformly from the cartridge as described under point 3 onto all the borders of the denture. The remaining denture areas are then completely coated with a layer of a minimum of 2 mm. It is essential that all denture areas in contact with the gingiva are coated. After coating of the denture with Silk Line, (which has a maximum working time of one minute at 23°C or 73°F), seat the coated denture into the patient's mouth and let the patient close into normal occlusion. Let the patient perform all functional movements. Setting is finished after approximately 4 minutes. At that time, remove the relined denture and trim as described under point 5 and 6.

4.2. Indirect Method in the Laboratory

Invest the denture to be relined into a flask. Remove denture from the flask and prepare as described under point 1 and 2. Coat the model with the usual alginate based insulation. Extrude the required amount of Silk Line from the cartridge as described under point 3 and apply it uniformly onto the denture area to be relined. The layer of Silk Line should be approximately 1 mm more than the base material that has been ground off. Close flask and press with light pressure for approximately 30 minutes (at 23°C or 73°F) or place flask in a pressure pot at 40-45 °C (104-113 °F) for approximately 10 minutes. Then deflask the relined denture and trim and polish as described under point 5 and 6.

Notes:

Do not use Silk Line with standard (condensation reaction type) silicone impression materials.

Do not use latex gloves. They may interfere with the setting reaction of the impression material.

5. Trimming of the Denture

To smooth uneven spots remove the excess material with a sharp scalpel or fine scissors.

Smooth rough areas and borders by means of a suitable grinding instrument (grinding sleeve for silicone materials) at approximately 8000 r.p.m. under low pressure.

6. Final Polishing of the Denture with Varnish

For smoothing of the trimmed functional borders use the enclosed Varnish which is to be used as a 1:1-mix of Varnish Base and Varnish Catalyst. From the bottles of base and catalyst liquid, drop 5 drops from both into a well and mix it together with a spatula to form a homogenous mixture and brush on the mixed liquid. Let dry at room temperature for approximately 5 minutes.

Cleaning Tips for the Patient

Brush the relined denture under running water with a tooth brush and neutral soap. Cleaning bath: up to a maximum of 10 minutes.

Storage

Do not store above 23 °C (73 °F).

Do not use after expiration date.

Manufactured for
J. Morita USA, Inc.
9 Mason, Irvine, CA 92618
info@jmoritausa.com
www.jmoritausa.com

(Paste)

1. Product identification of Substance

Product Name:	Silk Line Soft Denture Relining Material Paste
Supplier:	J. Morita USA, Inc. 9 Mason, Irvine, CA 92618 USA
Emergency Phone Number:	(800)831-3222 or (949)581-9600

2. Composition/Data on ingredients

Ingredients:	Mixture of organic acids, zinc oxide, strontiumglass and methacrylates
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3. Hazard identification

Risk identification:	None, if handled according to directions
Classification:	Classification corresponds to actual EEC guidelines

4. First aid measures

After skin contact:	Wash with plenty of water and soap
After eye contact:	Rinse with plenty of water and consult a physician
After swallowing:	Consult a physician immediately

5. Fire fighting measures

Extinguishing media:	Dry chemical foam, carbon dioxide, water
Protective equipment:	N/A

6. Accidental release measures

Personal precautions:	Use only in well-ventilated area
Environmental precautions:	Do not empty into drain
Methods of cleaning up:	Wipe out with absorbent materials and dispose rest of product

7. Handling and storage

Handling:	N/A
Handling procedures:	N/A
Recommendation for fire and explosion protection:	N/A
Storage:	Store in dry place at room temperature

8. Exposure controls/personal protection

General measures of protection and hygiene:	Normal hygienic measures
Respiratory protection:	Do not breathe vapor
Hand and skin protection:	Wear gloves
Eye protection:	Wear goggles
Hygiene measures:	Do not eat or drink when using

9. Physical and chemical properties

Form:	Paste
Color:	Light pink
Odor:	None
Melting point / range:	N/A
Boiling point / range:	N/A
Flash point:	N/A
Flammability	N/A
Water solubility	Insoluble

10. Stability and Reactivity

Stability:	Stable, avoid high heat and fire
Incompatibility with other substances:	Alcohols, powdered metals and metal oxides
Hazardous reactions:	None, if handled and stored accordingly to directions
Hazardous decomposition products:	Not known

11. Toxicological information

Primary irritation – skin:	Irritating on prolonged exposure
Primary irritation – eye:	Irritating on prolonged exposure
Inhalation:	Non volatile
Ingestion:	Possibly toxic if swallowed
Sensitization of product:	Not observed
Additional toxicological information:	N/A

12. Ecological information

Do not dispose into drains or the environment.
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13. Disposal consideration

Disposal must be made according to federal, state and local regulations.
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14. Transport information

N/A

15. Regulatory information

N/A

16. Other information

N/A

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

(Primer)

1. Product identification of Substance

Product Name:	Silk Line Soft Denture Relining Material Primer
Supplier:	J. Morita USA, Inc. 9 Mason, Irvine, CA 92618 USA
Emergency Phone Number:	(800)831-3222 or (949)581-9600

2. Composition/Data on ingredients

Ingredients:	Solution of polyacrylate in dichloromethane
Hazardous components	Dichloromethane / CAS-Nr. 75-09-2

3. Hazard identification

Risk identification:	Xn; R40
Special risks for human being and environment	Harmful
Classification:	Classification corresponds to actual EEC guidelines

4. First aid measures

After skin contact:	Wash with plenty of water and soap. Remove contaminated clothes
After eye contact:	Rinse with plenty of water with the eyelid held wide open and consult an eye physician
After swallowing:	Caution if victim vomits. Risk of aspiration. Keep airways free. Drink plenty of water, but no milk, castor oil or alcohol and consult a physician

5. Fire fighting measures

Extinguishing media:	Dry chemical foam, water. Practically non combustible.
Protective equipment:	Chemical protection clothing and self-containing breathing apparatus

6. Accidental release measures

Personal precautions:	Use only in well-ventilated area
Environmental precautions:	Do not empty into drain
Methods of cleaning up:	Wipe out with absorbent materials and dispose rest of product

7. Handling and storage

Handling:	N/A
Handling procedures:	N/A
Recommendation for fire and explosion protection:	N/A
Storage:	Store in dry place at room temperature

8. Exposure controls/personal protection

General measures of protection and hygiene:	Normal hygienic measures
Respiratory protection:	Do not breathe vapor
Hand and skin protection:	Wear gloves
Eye protection:	Wear goggles
Hygiene measures:	Do not eat or drink when using

9. Physical and chemical properties

Form:	Liquid
Color:	Slightly yellow
Odor:	None
Melting point / range:	Approx. 95 °C
Boiling point / range:	Approx. 40 °C
Flash point:	N/A
Flammability	N/A
Water solubility	Insoluble

10. Stability and Reactivity

Stability:	Stable by proper use, avoid high heat and fire
Incompatibility with other substances:	> 120 °C thermal decomposition occurs. Avoid contact with alkaline metals, alkaline earth metals, metals in powder form
Hazardous decomposition products:	In case of fire: phosgene, hydrochloric acid

11. Toxicological information

Primary irritation – skin:	Irritating
Primary irritation – eye:	Severely irritating
Inhalation:	Irritating
Ingestion:	Nausea and vomiting
Sensitization of product:	Not observed
Additional toxicological information:	During the long period of use as primer for relining materials no health diseases are reported. Under proper conditions and consideration of the normal hygienic measures it can be handled without risks for health. But it may react irritating on eyes or skin or may cause allergic reactions

12. Ecological information

Do not dispose into drains or the environment.
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13. Disposal consideration

Disposal must be made according to federal, state and local regulations.
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14. Transport information

N/A

15. Regulatory information

N/A

16. Other information

N/A

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(Varnish)

1. Product identification of Substance

Product Name:	Silk Line Soft Denture Relining Material Varnish
Supplier:	J. Morita USA, Inc. 9 Mason, Irvine, CA 92618 USA
Emergency Phone Number:	(800)831-3222 or (949)581-9600

2. Composition/Data on ingredients

Ingredients:	Mixture of polydimethyl polymethylvinyl-siloxane, polydimethylpolymethylhydrogen siloxane and silica
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3. Hazard identification

Risk identification:	None, if handled according to directions
Classification:	Classification corresponds to actual EEC guidelines

4. First aid measures

After skin contact:	Wash with plenty of water and soap
After eye contact:	Rinse with plenty of water and consult a physician
After swallowing:	Consult a physician immediately

5. Fire fighting measures

Extinguishing media:	Dry chemical foam, carbon dioxide, water
Protective equipment:	N/A

6. Accidental release measures

Personal precautions:	Use only in well-ventilated area
Environmental precautions:	Do not empty into drain
Methods of cleaning up:	Wipe out with absorbent materials and dispose rest of product

7. Handling and storage

Handling:	N/A
Handling procedures:	N/A
Recommendation for fire and explosion protection:	N/A
Storage:	Store in dry place at room temperature

8. Exposure controls/personal protection

General measures of protection and hygiene:	Normal hygienic measures
Respiratory protection:	Do not breathe vapor
Hand and skin protection:	Wear gloves
Eye protection:	Wear goggles
Hygiene measures:	Do not eat or drink when using

9. Physical and chemical properties

Form:	Low viscous liquid
Color:	Transparent
Odor:	None
Melting point / range:	N/A
Boiling point / range:	N/A
Flash point:	N/A
Flammability	N/A
Water solubility	Insoluble

10. Stability and Reactivity

Stability:	Stable, avoid high heat and fire
Incompatibility with other substances:	Acids, bases, alcohols, powdered metals and metal oxides
Hazardous reactions:	None, if handled and stored accordingly to directions
Hazardous decomposition products:	Not known

11. Toxicological information

Primary irritation – skin:	Irritating on prolonged exposure
Primary irritation – eye:	Irritating on prolonged exposure
Inhalation:	Non volatile
Ingestion:	Possibly toxic if swallowed
Sensitization of product:	Not observed
Additional toxicological information:	N/A

12. Ecological information

Do not dispose into drains or the environment.

13. Disposal consideration

Disposal must be made according to federal, state and local regulations.

14. Transport information

N/A

15. Regulatory information

N/A

16. Other information

N/A

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Silk Line

Soft Denture Relining Material

(Primer)

J. MORITA
USA INC.

Regional Partner



Safety Data Sheet (SDS)

Section 1: Identification

Product name: Silk Line - Soft Denture Relining Material (Primer)
Supplier: J. Morita USA, Inc.
9 Mason, Irvine, CA 92618, USA
Emergency phone number: (888) JMORITA (1-888-566-7482) or
(949) 581-9600

Section 2: Hazard(s) Identification

Risk identification: Xn; R40
Special risks for human being and environment: Harmful
Classification: Classification corresponds to actual EEC guidelines

Section 3: Composition/Information on Ingredients

Ingredients: Solution of polyacrylate in dichloromethane
Hazardous components: Dichloromethane / CAS-Nr. 75-09-2

Section 4: First-Aid Measures

After skin contact: Wash with plenty of water and soap. Remove contaminated clothes
After eye contact: Rinse with plenty of water with the eyelid held wide open and consult an eye physician
After swallowing: Caution if victim vomits. Risk of aspiration. Keep airways free. Drink plenty of water, but no milk, castor oil or alcohol and consult a physician

Section 5: Fire-Fighting Measures

Extinguishing media: Dry chemical foam, water. Practically non combustible.
Protective equipment: Chemical protection clothing and self-containing breathing apparatus

Section 6: Accidental Release Measures

Personal precautions: Use only in well-ventilated area
Environmental precautions: Do not empty into drain
Methods of cleaning up: Wipe out with absorbent materials and dispose rest of product

Section 7: Handling and Storage

Handling: Not applicable
Handling procedures: Not applicable
Recommendation for fire and explosion protection: Not applicable
Storage: Store in dry place at room temperature

Section 8: Exposure Controls/Personal Protection

General measures of protection and hygiene: Normal hygienic measures
Respiratory protection: Do not breathe vapor
Hand and skin protection: Wear gloves
Eye protection: Wear goggles
Hygiene measures: Do not eat or drink when using

Section 9: Physical and Chemical Properties

Form: Liquid
Color: Slightly yellow
Odor: None
Melting point / range: Approx. 95 °C
Boiling point /range: Approx. 40 °C
Flash point: Not applicable
Flammability: Not applicable
Water solubility: Insoluble

Section 10: Stability and Reactivity

Stability: Stable by proper use, avoid high heat and fire
Incompatibility with other substances: > 120 °C thermal decomposition occurs. Avoid contact with alkaline metals, alkaline earth metals, metals in powder form
Hazardous decomposition products: In case of fire: phosgene, hydrochloric acid

Section 11: Toxicological Information

Primary irritation – skin: Irritating
Primary irritation – eye: Severely irritating
Inhalation: Irritating
Ingestion: Nausea and vomiting
Sensitization of product: Not observed
Additional toxicological information: During the long period of use as primer for relining materials no health diseases are reported. Under proper conditions and consideration of the normal hygienic measures it can be handled without risks for health. But it may react irritating on eyes or skin or may cause allergic reactions

Section 12: Ecological Information* (non-mandatory)

Do not dispose into drains or the environment.

Section 13: Disposal Considerations* (non-mandatory)

Disposal must be made according to federal, state and local regulations.

Section 14: Transport Information* (non-mandatory)

Not applicable

Section 15: Regulatory Information* (non-mandatory)

Not applicable

Section 16: Other Information

Date prepared: 05/04/15

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*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).