

MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

COMPANY NAME: Miles Dental Products

ADDRESS: 4315 S. Lafayette	Tel No: (219)291-0661
South Bend, Indiana 46614	Nights: (219)264-8400

PRODUCT NAME: Cutter Sil Light, Mucosa, XL, Putty Plus
PRODUCT NO(S): 35511, 35514, 35510, 35507

Synonyms: Polydimethylsiloxane

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	CAS#	HAZARD	%By Wt.	TLV	PEL
Calcium Silicate	1344-95-2	Irritant Dust	10-30	10mg/m ³	15mg/m ³
Silicone Dioxide	1446-46-1	Dust Nuisance	3-35	0.05mg/m ³	0.1mg/m ³

III - PHYSICAL DATA (ND = Not Determined)

Vapor Pressure, mm Hg: ND	Vapor Density (Air = 1): ND
Evaporation Rate (ether=1): ND	% Volatile by volume: ND
Solubility in H ₂ O: Not Miscible	pH: ND
Boiling Point: ND	Appearance: Paste of various colors
Specific Gravity (H ₂ O = 1): 1.1-1.52gm/cm ³	Odor: None (odorless)

IV - FIRE AND EXPLOSION

Flash point: > 155°C PMCT | **Flammable Limits:** Not determined

Extinguishing Media: H₂O, CO₂, Foam, Dry Powder

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Collect the quenching water for disposal.

Unusual Fire and Explosion Hazards: None

V - REACTIVITY DATA

Stability: Unstable [] Conditions to avoid
Stable [X] None

Incompatibility:
(Materials to avoid) None

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur [] Conditions to avoid
 Will Not Occur [X] None

LARNED CORRECTION MENTAL
 PHS
 HIGHWAY 264 BOX E
 LARNED, KS 67550

==== MSDS TRACKING INFORMATION ====
 MID: 1050348 CUTTERSIL PUTTY PLUS
 PID: 1711734 CUST: 0353807-030
 IMG: I:50348_1 PAGE: 1 of 2

CUTTER SIL LIGHT, MUCOSA, XL, PUTTY PLUS**VI. HEALTH HAZARDS****OSHA Permissible Exposure Limit:** None**ACGIH Threshold Exposure Limit:** None**Other Exposure Limit Used:** None**A. Acute Overexposure:** None known**B. Chronic, Other:** None known**Medical conditions generally aggravated by exposure:** None known**Primary Route(s) of Exposure:** Skin Contact**Hygienic Practices:** None**Chemical Listed As Carcinogen****or potential carcinogen:** Silicone dioxide is listed by IARC as a possible carcinogen.**VII - EMERGENCY AND FIRST AID PROCEDURES****Skin:** After skin contact wash immediately with plenty of water and soap.**Ingestion:** If swallowed, seek medical advice immediately**Eyes:** Contamination of the eye must be treated by thorough irrigation with water and lids held open. Consult a doctor immediately**VIII - SPILL OR LEAK PROCEDURES****Spill Management:** Absorb with cellulose for proper disposal.**Waste Disposal Methods:** Dispose of in accordance with all local, state and federal regulations.**IX - PROTECTION INFORMATION/CONTROL MEASURES****Respiratory:** None**Eye Protection:** Safety glasses**Gloves:** None**Other Clothing and Equipment:** None**Ventilation:** None**X - SPECIAL PRECAUTIONS****Precautions to be taken in Handling and Storing:** Store in cool dry area.**XI - ADDITIONAL INFORMATION**

A) The allergic potential of Cutter Sil was investigated in the Guinea Pig Maximization test according to ISO 7405. According to this test, Cutter Sil was classified as a non-sensitizer.

B) When investigated in the Agar Overlay test according to ISO 7405, no leachable cytotoxic substances could be detected.

Prepared By: Cheryl V. Zimmerman**Date:** 2-26-93**Supersedes MSDS Dated:** 10-24-90

The opinions expressed herein are those of qualified experts within Miles Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Miles Inc., it is the user's obligation to determine the conditions of safe use of the product.

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