

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

Transportation Emergency No. 800-424-9300

SUPPLIER

COMMON NAME: GC RELINE SOFT - BASE

GC RELINE EXTRA SOFT -BASE

GC RELINE ULTRA SOFT - BASE

Chemical Name: N.A.

PRODUCT USE: Chairside vinyl polysiloxane resilient denture liner

The following information is provided with regard to the toxicity and hazards the pure components present in this portion of the unmixed paste system.

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Vinyl dimethyl polysiloxane 68083-19-2	N.E.	N.E.	40-55%
Silicone dioxide 112926-00-8	TLV=10mg/m ³ total dust (ACGIH)	LD>10,000 mg/kg (oral rat) LC50= N.E.	50-55%
Hydrogen polysiloxane (not listed)	N.E.	N.E.	5-10%

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SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E.

SPECIFIC GRAVITY: N.E.

VAPOR PRESSURE: N.E.

MELTING POINT: N.E.

VAPOR DENSITY: N.E.

EVAPORATION RATE: N.E.

SOLUBILITY IN WATER: N.A.

ODOR THRESHOLD N.E.

COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

APPEARANCE AND ODOR: White paste, odorless

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SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.E. FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Irritation and/or toxic aerosols or gases may be present.

HAZARDOUS COMBUSTION PRODUCTS: N.E.

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SECTION 5 - REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE:
POLYMERIZATION: WILL NOT OCCUR: X WILL OCCUR:

CONDITIONS TO AVOID: High temperatures (>121°C), open flames.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, bases, and oxiders.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:		X						

ROUTES OF ENTRY: INHALATION _____ SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): May cause skin and eye irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation and soreness of eyes, throat and nose.

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with pre-existing conditions of the lungs may increased susceptibility to the toxicity of excessive exposure.

EMERGENCY FIRST AID PROCEDURES:

EYES: Flush eyes with water for 15 minutes. Seek medical attention if irritation develops.

SKIN: Wash with soap and water. If irritation persists, seek medical attention.

INGESTION: Do not induce vomiting. Dilute by drinking several glasses of water. Seek medical attention.

INHALATION: Remove to fresh air if irritation develops.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Wipe up and discard.

WASTE DISPOSAL METHOD: Comply with Federal, State and Local regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in cool, dry place.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Where there is a potential for inhalation exposure to produce dust or mist in excess of exposure limits, wear NIOSH/MSHA approved respiratory protection

VENTILATION: LOCAL EXHAUST: As needed
SPECIAL: N.E. MECHANICAL: N.E.
OTHER: N.E.

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICE: Observe good hygiene practices.

SECTION 9 - PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 26 MARCH 2002

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

NFPA

FIRE 0 TOXICITY 1 REACTIVITY 0 SPECIAL -

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COMMON NAME: GC RELINE SOFT - ACCELERATOR
GC RELINE EXTRA SOFT - ACCELERATOR
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Chemical Name: N.A.

PRODUCT USE: Chairside vinyl polysiloxane resilient denture liner

The following information is provided with regard to the toxicity and hazards the pure components present in this portion of the unmixed paste system

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Vinyl dimethyl polysiloxane 68083-19-2	N.E.	N.E.	80%
Silicone dioxide 112926-00-8	TLV=10mg/m ³ total dust (ACGIH)	LD>10,000 mg/kg (oral rat) LC50= N.E.	20%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E.	SPECIFIC GRAVITY: N.E.
VAPOR PRESSURE: N.E.	MELTING POINT: N.E.
VAPOR DENSITY: N.E.	EVAPORATION RATE: N.E.
SOLUBILITY IN WATER: N.A.	ODOR THRESHOLD: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.	
APPEARANCE AND ODOR: Red paste, odorless	

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.E

FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Irritation and/or toxic aerosols or gases may be present.

HAZARDOUS COMBUSTION PRODUCTS: N.E.

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SECTION 5 - REACTIVITY DATA

STABILITY:

STABLE: X

UNSTABLE:

POLYMERIZATION:

WILL NOT OCCUR: X

WILL OCCUR:

CONDITIONS TO AVOID: High temperatures (>121°C), open flames.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, bases, and oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:		X						

ROUTES OF ENTRY: INHALATION _____ SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): May cause skin and eye irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation and soreness of eyes, throat and nose.

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RESPIRATORY PROTECTION: Where there is a potential for inhalation exposure to produce dust or mist in excess of exposure limits, wear NIOSH/MSHA approved respiratory protection

VENTILATION:	LOCAL EXHAUST:	As needed	MECHANICAL:	N.E.
	SPECIAL:	N.E.	OTHER:	N.E.

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICE: Observe good hygiene practices.

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FIRE 0	TOXICITY 1	NFPA REACTIVITY 0	SPECIAL -
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