

**GRADIA DENTIN, ENAMEL & TRANSLUCENT
MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

GC AMERICA INC.

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

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COMMON NAME: Gradia Dentin And Enamel**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental crown and bridge work – translucent dentin or enamel*The following information is provided with regard to the toxicity and hazards of the pure components present in this product.***SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Alumino-silicate glass	(Not listed)	TLV=10mg/m ³ PEL=15mg/m ³ (ACGIH)	N.E.	40-50
Amorphous Precipitated Silica	112926-00-8	PEL=0.1mg/m ³ TLV/TWA=0.1mg/m ³ (dust) (ACGIH)	LD50=>10000mg/kg (oral ratio) LC50= N.E.	5-10
Di-2-Methacryloyloxyethyl 2,2,4-trimethylhexamethylene dicarbamate	41137-60-4	N.E.	N.E.	15-30
Neopentylglycol dimethacrylate	126-30-7	N.E.	N.E.	5-10%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** N.E.**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** Insoluble or difficult to dissolve**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY:** N.E.**MELTING POINT:** N.E.**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** Paste and ester-like**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** 101°C**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, dry chemical**SPECIAL FIRE FIGHTING PROCEDURES:** N.A.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.A.**HAZARDOUS COMBUSTION PRODUCTS:** N.E.**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable: ☐Unstable: ☒**POLYMERIZATION:** Will Not Occur: ☐Will Occur: ☒**CONDITIONS TO AVOID:** High heat, high humidity.**INCOMPATIBILITY (MATERIALS TO AVOID):** N.A.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

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	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 ☒ Ingestion ☒**HEALTH HAZARD: (ACUTE AND CHRONIC):****SKIN:** May cause irritation.**INGESTION:** May cause toxic affects.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** If irritation develops, seek medical attention.**EYES:** Flush with plenty of water. If irritation develops, seek medical attention.**SKIN:** Wash with soap and water.**INGESTION:** Rinse and clear mouth and throat. Seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Absorb with inert material. Transfer to container for disposal.**WASTE DISPOSAL METHOD:** Dispose of waste in accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at normal room temperature in a well ventilated area. Avoid direct sunlight.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** N.A.**VENTILATION:** Local Exhaust: Yes**Mechanical:** N.A.**Special:** N.A.**Other:** N.A.**PROTECTIVE GLOVES:** N.A.**EYE PROTECTION:** N.A.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.**WORK/HYGIENIC PRACTICE:** Observe good hygienic 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**Date:** 03 January 2003

Director Regulatory Affairs

N.A. = NOT APPLICABLE**N.E. = NOT ESTABLISHED***The information herein is given in good faith but no warranty expressed or implied is made.***FIRE - 1****TOXICITY - 1****NFPA****REACTIVITY - 1****SPECIAL - P**