

MS002000

GRADIA DIRECT - POSTERIORS MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

DISTRIBUTOR

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

COMMON NAME: GRADIA DIRECT - Posteriors

CHEMICAL NAME: N.A.

PRODUCT USE: Light-cured composite restorative

The following information is provided with regard to the toxicity and hazards the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Component	C.A.S.	Exposure Limits	LD50/LC50	%
Urethane dimethacrylate	72869-86-4	N.E.	N.E.	15-20%
Fluoro Alumino-silicate glass	Not listed	TLV=10mg/m ³	N.E.	30-40%
(amorphous)		PEL=15mg/m³		
		(ACGIH)		
Silica powder	112926-00-8	PEL=0.1mg/m ³	LD50=>10000mg/kg	10-20%
		TLV/TWA=10mg/m ³	(oral ratio)	
		(dust) (ACGIH)	LC50=N.E.	
Organic filler	Not listed	N.E.	N.E.	10-20%
Dimethacrylate	Not listed	N.E.	N.E.	0-5%
Camphorquinone	465-29-2	N.E.	N.E.	<0.1%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

APPEARANCE AND ODOR: Paste in various shades (white, yellow, brown and mixture)

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable (>150°C) FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: Chemical foam, carbon dioxide and dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: N.A. UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E. HAZARDOUS COMBUSTION PRODUCTS: N.A.

SECTION 5 - REACTIVITY DATA

STABILITY:	Stable 🔀	Unstable
POLYMERIZATION:	Will Not Occur 🔀	Will Occur

CONDITIONS TO AVOID: Avoid high heat and humidity

INCOMPATIBILITY (Materials To Avoid): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No decomposition if used or stored according to specifications.



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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					GROUP 2A		
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation Skin Ingestion

HEALTH HAZARD (Acute And Chronic): This paste-form product is manufactured using silica glass, which is considered a hazard by inhalation. IARC has classified it as a possible carcinogenic for humans. Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: May cause irritation to eyes, skin and digestive tract.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY FIRST AID PROCEDURES:

INHALATION: If irritation develops seek medical attention.

EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.

SKIN CONTACT: Flush skin with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. Seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Transfer to chemical waste container for disposal.

WASTE DISPOSAL METHOD: Do not allow product to reach sewer system. Dispose of waste in accordance with local, state and federal regulations.

STORAGE, **HANDLING**, **AND SPECIAL PRECAUTIONS**: Store at room temperature away from heat and high humidity. Keep container closed when not in use.

N.A. = NOT APP N.E. = NOT ESTA The information here		warranty expressed or implic	ed is made.		
DATE: 09 Januar REVISED: 02 A					
	PARATION INFORMATION to comply with OSHA Hazard		CFR 1910,1200 and W.H.M	I.I.S. CPR.	
EYE PROTECTION: OTHER PROTECTIV WORK/HYGIENIC P	ES: Disposable vinyl glove Safety goggles recommend E CLOTHING OR EQUIPMENT RACTICE: Observe good hy	ed. F: Eye wash station. gienic work practices.			
	ocal Exhaust	Mechanical:	Special:	Other:	
RESPIRATORY PRO VENTILATION: L					
RESPIRATORY PRO					