

**G-CEM CAPSULE - LIQUID  
MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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**COMMON NAME:** G-CEM CAPSULE**CHEMICAL NAME:** N.A.**PRODUCT USE:** Radiopaque, dual curing, self adhesive resin cement in a capsulated form for cementing metal, porcelain fused to metal resin and ceramic restorations. (Liquid component)

*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	%
Dimethacrylate	N.E.	N.E.	N.E.	50-60
4-META	70293-55-9	N.E.	N.E.	20-30
Urethanedimethacrylate	72869-86-4	N.E.	N.E.	5-10
Phosphoric ester Monomer	N.E.	N.E.	N.E.	1-5

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES****BOILING POINT:** 101 C°**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** Difficult to mix**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:** Ester odor**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.E.**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide, and dry chemical**SPECIAL FIRE FIGHTING PROCEDURES:** No special measure required**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.**HAZARDOUS COMBUSTION PRODUCTS:** Not known**SECTION 5 - REACTIVITY DATA****STABILITY:**Stable Unstable **POLYMERIZATION:**Will Not Occur Will Occur **CONDITIONS TO AVOID:** May be polymerized by sunlight or heat.**INCOMPATIBILITY (Materials to Avoid):** N.E.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.**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						



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

ROUTES OF ENTRY: Inhalation  Skin  Ingestion

HEALTH HAZARD (Acute and Chronic): May cause irritation to eyes, skin and digestive tract

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

#### EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** Supply fresh air and get medical attention if symptoms persist

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. If symptoms persist get medical attention.

**SKIN CONTACT:** Immediately wash with water and soap and rinse thoroughly.

**INGESTION:** May cause irritation to digestive tract.

#### SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb with liquid binding material. Sand, Diatomite, sawdust

WASTE DISPOSAL METHOD: Do not flush into sewers. Consult local or state regulations regarding proper disposal.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: No special measures required

#### SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Not required

VENTILATION: Local Exhaust:  Mechanical:  Special:  Other:

PROTECTIVE GLOVES: Vinyl / Synthetic gloves

EYE PROTECTION: Tightly sealed goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required

WORK/HYGIENIC PRACTICE: Not required

#### 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.*

DATE: 11 December 2006

REVIEWED: 21 February 2012

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 – TOXICITY – NFPA REACTIVITY – SPECIAL –