

SAFETY DATA SHEETS

This SDS packet was issued with item:

072058287

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

072058295 072058303

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

072039642 072058253

G-CEM CAPSULE - LIQUID
MATERIAL SAFETY DATA SHEET**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: 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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G-CEM CAPSULE - LIQUID

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continuedROUTES 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 2006REVIEWED: 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 –

MS002898-B

G-CEM AUTOMIX – PASTE B
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: G-CEM AUTOMIX - PASTE B**CHEMICAL NAME:** N.A.**PRODUCT USE:** Radiopaque, dual curing, self adhesive resin cement for cementing metal, porcelain fused to metal resin and ceramic restorations.*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	%
Silicon Dioxide	7631-86-9	N.E.	N.E.	58
Urethanedimethacrylate		N.E.	N.E.	31
Dimethacrylate		N.E.	N.E.	6
Phosphoric acid ester monomer		N.E.	N.E.	4
Initiator		N.E.	N.E.	1

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:** Not miscible**ODOR THRESHOLD:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:****APPEARANCE AND ODOR:** Odorless**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** 93°C**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemicals, alcohol resistant foam or water spray.**SPECIAL FIRE FIGHTING PROCEDURES:** No special measures required.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.**HAZARDOUS COMBUSTION PRODUCTS:** None**SECTION 5 - REACTIVITY DATA****STABILITY:**Stable ☒Unstable ☐**POLYMERIZATION:**Will Not Occur ☒Will Occur ☐**CONDITIONS TO AVOID:****INCOMPATIBILITY (Materials to Avoid):** N.E.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** No hazardous products 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						

ROUTES OF ENTRY: Inhalation ☐ Skin ☒ Ingestion ☒

HEALTH HAZARD (Acute and Chronic): Irritant to eyes and skin. May cause sensitization by skin contact if a person is known to be allergic to any of the ingredients.

INGESTION: May cause irritation of the digestive tract.

EYES: Can cause eye irritation.

SKIN: May cause skin irritation.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Supply fresh air and 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 of symptoms persist.

SKIN CONTACT: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention if symptoms persist.

INGESTION: Seek medical attention if symptoms persist.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb with liquid-binding material (sand, diatomite, etc.)

WASTE DISPOSAL METHOD: Consult local or state regulations regarding proper disposal

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool, dark place. Keep receptacle tightly sealed.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Not required

VENTILATION: Local Exhaust ☒ Mechanical: ☐ Special: ☐ Other: ☐

PROTECTIVE GLOVES: Protective gloves are recommended.

EYE PROTECTION: Tightly sealed goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK/HYGIENIC PRACTICE: Follow routine safe 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.

DATE: 2008 April 15

REVISED: 21 February 2012

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