

**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-BOND**CHEMICAL NAME:** N.A.**PRODUCT USE:** Light-cure bonding agent.

*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	%
Acetone	67-64-1	TWA=750ppm (OSHA, ACGIH) STEL=1000ppm (OSHA, ACGIH)	N.E.	35-45%
Distilled water	7732-18-5	N.E.	N.E.	15-25%
4-Methacryloxyethyltrimellitate anhydride	70293-55-9	N.E.	N.E.	10-15%
Urethane dimethacrylate	72869-86-4	N.E.	N.E.	5-9%
Dimethacrylate component		N.E.	N.E.	8-12%
Phosphoric Ester Monomer		N.E.	N.E.	1-5%

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** 55°C  
**VAPOR PRESSURE:** N.E.  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** Miscible  
**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:** light yellow liquid; slight ester-like odor

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** 3°F  
**FLAMMABLE LIMITS:** LEL 2.5, UEL 13  
**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide and dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus in case of fire.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Product is not explosive; however, formation of explosive air/vapor mixtures is possible.  
**HAZARDOUS COMBUSTION PRODUCTS:** Formation of toxic gases is possible in case of fire.

**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 dangerous decomposition 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 skin, mucous membranes, eyes, and respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Supply fresh air. Seek medical attention if irritation develops.**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.**SKIN CONTACT:** Immediately wash with soap and water and rinse thoroughly. Seek medical attention if irritation develops.**INGESTION:** If irritation develops, seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Absorb with inert material and place in a chemical waste container.**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal guidelines.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in cool, dry conditions in well sealed containers.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.VENTILATION: Local Exhaust  Mechanical:  Special:  Other: **PROTECTIVE GLOVES:** Recommended.**EYE PROTECTION:** Tightly sealed goggles recommended.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.**WORK/HYGIENIC PRACTICE:** Observe good hygienic work 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: 22 March 2007N.A. = NOT APPLICABLE  
N.E. = NOT ESTABLISHED*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE - 4

TOXICITY - 2

NFPA

REACTIVITY - 1

SPECIAL -