

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**MANUFACTURER**

GC AMERICA INC.

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Alsip, Illinois, 60658

Telephone: 708-597-0900

Hours Mon.-Fri: 8:00 a.m.-5:00 p.m. C.S.T.

Transportation Emergency No. 800-424-9300

COMMON NAME: METAL PRIMER II**CHEMICAL NAME:** N.A.**PRODUCT USE:** Primer for bonding resin to metal*The following information is provided with regard to the toxicity and hazards of the pure components present in this liquid.***SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Methyl Methacrylate	80-62-6	TWA=100ppm (ACGIH)	LD50=7.9g/kg (oral rat) LC50=3750 ppm/4hr	>90

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** 101°C**VAPOR PRESSURE:** 50 @ 30°C**VAPOR DENSITY:** 3.5**SOLUBILITY IN WATER:** Slight.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**APPEARANCE AND ODOR:** Colorless volatile liquid with sweet sharp odor**SPECIFIC GRAVITY (H₂O = 1):** 0.939**MELTING POINT:** 45°C**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** < 1 ppm as Methyl Methacrylate**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** 11°C (ASTM D56-70) (Closed Cup)**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical, water fog**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective equipment, including self contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** When heated above the flashpoint, emits vapors, which when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point. Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition source.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Smoke**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable Unstable **POLYMERIZATION:** Will Not Occur Will Occur **CONDITIONS TO AVOID:** Heat and ignition sources**INCOMPATIBILITY (Materials to Avoid):** Reducing and oxidizing agents. Material has strong solvent properties.**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							

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continuedROUTES OF ENTRY: Inhalation Skin Ingestion **HEALTH HAZARD (Acute and Chronic):****INHALATION:** May cause nose and throat irritation. May cause nervous system depression. Reports have associated repeated and prolonged overexposure to brain damage and nervous system damage.**INGESTION:** May cause abnormal liver and kidney function**EYES:** May cause irritation or burning**SKIN:** May cause irritation or burning of skin, and mucous membranes. Repeated exposure may cause skin burns and allergic reactions.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Inhalation overexposure: headache, dizziness, nausea, staggering gait, confusion, unconsciousness.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INGESTION:** If ingested, induce vomiting. If symptoms persist seek medical attention.**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.**EYES:** Immediately flush eyes with water. Seek medical attention.**SKIN:** Wash with soap and water.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Eliminate source of ignition. Wear skin, eye, and respiratory protection. Contain spill and keep out of sewers. Use absorbent to soak up liquid. Use non-sparking equipment and shovel into waste container.**WASTE DISPOSAL METHOD:** Material is a hazardous waste, No. U162. Dispose of waste in facility permitted. for hazardous waste in accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Reduce exposure to vapor in accordance with safe hygiene practice. If exposure limits are exceeded, use an MSHA-NIOSH approved respirator for organic vapors.**VENTILATION:** Local Exhaust: Yes Mechanical: N.A. Special: N.A. Other: N.A.**PROTECTIVE GLOVES:** Use disposable vinyl gloves**EYE PROTECTION:** Chemical eye goggles and full face protection if necessary**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash station**WORK/HYGIENIC PRACTICE:** Follow safe hygiene practices**SECTION 9- PREPARATION INFORMATION**

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR1910,1200 and W.H.M.I.S. CPR

DATE: 01 March 2006**REVIEWED:** 26 January 2009**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 – 4	TOXICITY – 2	NFPA REACTIVITY – 3	SPECIAL – P
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