

## MATERIAL SAFETY DATA SHEET

## SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

## MANUFACTURER

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

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

Transportation Emergency No. 800-424-9300

## SUPPLIER

COMMON NAME: TRAY PLASTIC REGULAR LIQUID

Chemical Name: N.A.

PRODUCT USE: Repair dentures - liquid component

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unwired powder/liquid system.

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Methyl Methacrylate 80-62-6	TWA=100ppm (ACGIH)	LD50=5.2mg/Kg (oral rat) LC50=3750 ppm/4hr.	60-100%

## SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 101°C	SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 0.940
VAPOR PRESSURE: 50 @86°C	MELTING POINT: N.A.
VAPOR DENSITY: 3.5	EVAPORATION RATE (Butyl Acetate=1): Equal
SOLUBILITY IN WATER: Insoluble	ODOR THRESHOLD: <1 ppm methyl methacrylate
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.	

APPEARANCE AND ODOR: Clear liquid, unpleasant odor.

## SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 11°C FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide

## SECTION 4 - FIRE AND EXPLOSION DATA - continued

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus with full protective equipment.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** When heated above the flashpoint: emits vapors, which when mixed with air, can burn or be explosive. Fine mists on 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: X  
**POLYMERIZATION:** WILL NOT OCCUR: WILL OCCUR: X

**CONDITIONS TO AVOID:** Heat and ignition sources

**INCOMPATIBILITY (MATERIALS TO AVOID):** Reducing and oxidizing agents. Material has strong solvent properties and can soften paint or rubber.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, carbon dioxide

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

	YES	NO	N.E.	N.A.	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:	X							

**ROUTES OF ENTRY:** INHALATION X SKIN X INGESTION X

**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. May cause irritation or burning of mucous membranes.

**INGESTION:** May cause abnormal liver and kidney function

**SKIN:** May cause irritation or burning of skin. Repeated exposure may cause skin burns and allergic reactions.

**EYES:** May cause irritation or burning of eyes.



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

PREPARED BY: T. Joritz  
Director Regulatory Affairs

Date: 1 November 97

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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