

KOOLINER - LIQUID
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

COMMON NAME: KOOLINER**CHEMICAL NAME:** N.A.**PRODUCT USE:** Denture reliner - liquid component

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Isobutyl Methacrylate	97-86-9	TWA=50ppm (R&H)	LD50=>5000mg/kg (oral rat)	60-100
2,4-Dihydroxy Benzophenone	131-56-6	N.E.	N.E.	1-5

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 151°C
VAPOR PRESSURE: N.E.
VAPOR DENSITY: 4.9
SOLUBILITY IN WATER: Insoluble
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
APPEARANCE AND ODOR: Slightly yellow clear liquid, with methacrylate odor.

SPECIFIC GRAVITY (H2O=1): 0.9
MELTING POINT: N.E.
EVAPORATION RATE: <1.0
ODOR THRESHOLD: <1ppm as methacrylate

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 42°C (closed cup) **FLAMMABLE LIMITS:** N.E.
EXTINGUISHING MEDIA: Alcohol foam; carbon dioxide, dry chemical; water fog
SPECIAL FIRE FIGHTING PROCEDURES: Wear MSHA/NIOSH self contained breathing apparatus and fill protective gear. Use water spray to cool containers. Explosion hazard.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat will cause explosive polymerization; heated containers can explode.
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide; acrid smoke and irritating fumes

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur

CONDITIONS TO AVOID: Heat, open flames**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing materials**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.**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):** Severe eye irritant**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Inhalation of vapor or mist can irritate nose and throat. Extended exposure will lead to headache, nausea, dizziness and loss of consciousness. Slightly irritating to skin.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Remove to fresh air.**INGESTION:** If swallowed dilute by giving two glasses of water to drink. Seek medical attention.**SKIN:** Wash affected skin with soap and water.**EYES:** Flush eyes with water for at least 15 minutes. See a physician if irritation persists.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Eliminate ignition sources. Use MSHA/NIOSH self contained breathing apparatus. Dike and contain spill. Transfer to container for disposal. Remove contaminated clothing promptly. Wash affected tissue with soap and water.**WASTE DISPOSAL METHOD:** When discarded, this material is a hazardous waste. RCRA #D-001 (ignitable); reportable quantity 100 lbs. (40 CFR Part 302, superfund). Incinerate liquid and diking material in accordance with local, state, and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Avoid heat source; store out of direct sunlight.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Reduce exposure in accordance with safe hygiene practice. If exposure limits are exceeded, use an MSHA-NIOSH approved respirator for organic vapors.**VENTILATION:** Local Exhaust: Mechanical at least 100 ft 3/min
Special: N.E. Mechanical: N.E.
Other: N.E.**PROTECTIVE GLOVES:** Disposable vinyl gloves**EYE PROTECTION:** Splash goggles**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station**WORK/HYGIENIC PRACTICE:** Follow safe hygiene practices to prevent spills, contact, and splashing.**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:** 12 January 2009**REVIEWED:** 28 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 – 2****TOXICITY – 2****NFPA
REACTIVITY – 3****SPECIAL – P**