

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: Coe Adhesive Thinner

Chemical Name: N.A.

PRODUCT USE: Dilutent for Coe Adhesive.

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Methyl Ethyl Ketone 78-93-3	TWA=200ppm (ACGIH) STEL=300ppm (ACGIH)	LD50= 7ml/Kg (oral rat) LC50=13600 ppm/2hr (mouse)	60-100%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 79.6°C

SPECIFIC GRAVITY (H₂O): 0.8060 @20°C

VAPOR PRESSURE: 74.9mm Hg

MELTING POINT: N.E.

VAPOR DENSITY: 2.5

EVAPORATION RATE (Butyl Acetate 21):6.6

SOLUBILITY IN WATER: by wt. 24 @ 20°C

ODOR THRESHOLD: 2ppm detection, 5 ppm recognition as M.E.K.

COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

APPEARANCE AND ODOR: Clear liquid, nonresidual odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: -6°C - Closed Cup FLAMMABLE LIMITS: LEL 1.4 (@200 °F)
UEL 11.4 (@200°F)

EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical, alcohol foam.

SPECIAL FIRE FIGHTING PROCEDURES:

Use self contained breathing apparatus and protective clothing. Cool adjacent containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Vapors from this product may travel by air currents to ignition sources.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide; carbon monoxide

SECTION 5 - REACTIVITY DATA

STABILITY:	STABLE: X	UNSTABLE:
POLYMERIZATION:	WILL NOT OCCUR: X	WILL OCCUR:

CONDITIONS TO AVOID:

Heat, fire, sparks, ignition sources

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents, alkaline materials, mineral acids, and halogens

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						

ROUTES OF ENTRY: INHALATION X SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC):

Contact with eye causes severe irritation. Prolonged contact with either fluid or vapor can cause drying and cracking of the skin. Ingestion is moderately toxic. Vapors are irritating to eyes, nose and respiratory tract. Especially toxic if aspirated. Known to enhance the toxicity of other solvents.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Contact with eye causes severe irritation. Marked by excess redness and swelling of the conjunctive. Ingestion may cause nausea, abdominal discomfort, and diarrhea. Inhalation at concentrations in excess of T.L.V. can cause headache, dizziness, nausea, vomiting and possibly unconsciousness.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May aggravate existing dermatitis. Breathing vapors and/or mist may aggravate asthma and inflammatory or fibrotic pulmonary disease.

EMERGENCY FIRST AID PROCEDURES:

INGESTION: If ingested do not induce vomiting. Methyl Ethyl Ketone is especially toxic if aspirated. Stomach contents should be evacuated in a manner which avoids aspiration. There is no specific antidote. Treatment should be directed at the control of the symptoms and the clinical condition of the patient.

INHALATION: Remove to fresh air. Give oxygen if breathing is difficult, artificial respiration if not breathing. Seek medical attention.

SKIN: Wash skin with water. Wash clothes before wearing again.

EYES: Flush eyes with water for 15 minutes.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL:

Extinguish all ignition sources. Collect large spills for disposal. Flush small spills with water.

WASTE DISPOSAL METHOD:

Incinerate in a furnace under appropriate local, state, federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:

Keep away from heat, sparks, and flames. Store in a cool place

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

In high vapor concentration use self contained breathing apparatus.

VENTILATION: LOCAL EXHAUST: No
SPECIAL: No

MECHANICAL: Spark proof motors
OTHER: No

SECTION 8 - CONTROL MEASURES - continued

PROTECTIVE GLOVES: Butyl rubber

EYE PROTECTION: Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Chemical apron, eye wash station, safety shower

WORK/HYGIENIC PRACTICE: Follow routine safe hygiene practice.

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 1

SPECIAL -
