

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

GC AMERICA INC.
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COMMON NAME: DIE-LACQUER II**CHEMICAL NAME:** N.A.**PRODUCT USE:** A plaster hardener used with the Perfect Fit System to strengthen the surface of a gypsum working model.

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	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Toluene	108-88-3	TWA=375 mg/m ³ (OSHA)	LD50=5000mg/kg (oral rat)	50
Acrylic Resin		N.E.	N.E.	50

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 110°C
VAPOR PRESSURE: 22 mm Hg at 20°C
VAPOR DENSITY: 3.1
SOLUBILITY IN WATER: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

SPECIFIC GRAVITY (H₂O = 1): N.E.
MELTING POINT: N.E.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.E.
APPEARANCE AND ODOR: Liquid, clear; slight odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 5°C
FLAMMABLE LIMITS: N.E.
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam.
SPECIAL FIRE FIGHTING PROCEDURES: Containers may rupture when exposed to a direct flame. Toluene will float on water surface and can be re-ignited.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor is heavier than air and may travel a considerable distance to source of ignition and flash back.
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur
CONDITIONS TO AVOID: High heat.
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.
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):** May irritate the skin, eyes, and respiratory organs. Can cause nausea, vomiting, diarrhea and loss of consciousness.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Prolonged or repeated contact with Toluene, skin becomes red, dry and cracked. A skin inflammation (dermatitis) may develop.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** If breathing is difficult, give oxygen. Seek medical attention.**INGESTION:** Do not induce vomiting. Rinse mouth thoroughly with water.**SKIN:** Wash area with soap and water. If irritation persists, obtain medical attention.**EYES:** Immediately flush with water and seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. Flush area with water.**WASTE DISPOSAL METHOD:** In accordance with Federal, State and local regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Keep out of high temperatures, direct sunlight or fire. After use, immediately close bottle.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Reduce exposure in accordance with good hygiene practices. If exposure limits are exceeded, use MSHA/NIOSH approved respirator.**VENTILATION:** Local Exhaust: YES Mechanical: N.E. Special: N.E. Other: N.E.**PROTECTIVE GLOVES:** If necessary use plastic gloves**EYE PROTECTION:** If necessary use chemical eye goggles**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Full face protection, if necessary.**WORK/HYGIENIC PRACTICE:** Observe good hygienic 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:** 03 January 2003**REVIEWED:** 15 January 2009**N.A. = NOT APPLICABLE**
N.E. = NOT ESTABLISHED*The information herein is given in good faith. No warranty expressed or implied is made.***FIRE – 3****TOXICITY – 2****NFPA**
REACTIVITY – 0**SPECIAL –**