

**MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

GC AMERICA INC.  
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 Transportation Emergency No. 800-424-9300

**COMMON NAME:** NATURE-CRYL HI-20ET – POWDERS, ALL SHADES

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** preparation of denture base, powder component

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

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polymethylmethacrylate	Not listed	N.E.	N.E.	20-80
Methacrylate polymer	Not listed	N.E.	N.E.	20-80

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** N.A. **SPECIFIC GRAVITY:** N.E.  
**VAPOR PRESSURE:** N.A. **MELTING POINT:** N.E.  
**VAPOR DENSITY:** N.A. **EVAPORATION RATE:** N.A.  
**SOLUBILITY IN WATER:** N.E. **ODOR THRESHOLD:** N.E.  
**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E. **APPEARANCE AND ODOR:** free flowing powder

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** N.A. **FLAMMABLE LIMITS:** N.A.  
**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, dry chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus with full face piece and protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, methyl methacrylate

**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable ☒ Unstable  
**POLYMERIZATION:** Will Not Occur ☒ Will Occur

**CONDITIONS TO AVOID:** High heat and humidity

**INCOMPATIBILITY (Materials to Avoid):** N.E.

**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 ☒ Skin ☒ Ingestion ☒

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

**HEALTH HAZARD (Acute and Chronic):** N.E.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** No adverse effects are known to be associated with exposure to this material.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air. Seek medical attention if irritation develops.

**EYE CONTACT:** Flush eyes with water. Seek medical attention if irritation develops.

**SKIN CONTACT:** Wash skin with soap and water. Seek medical attention if irritation develops.

**INGESTION:** Give one or two glasses of water to drink. If gastrointestinal distress develops, seek medical attention.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash spill area with hot water and detergent.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal guidelines.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in cool dry place; keep away from high heat or open flame.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Minimize exposure to dust. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.

**VENTILATION:**      **Local Exhaust:** N.E.                      **Mechanical:** N.E.                      **Special:** N.E.                      **Other:** N.E.

**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.

**EYE PROTECTION:** Safety glasses recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station.

**WORK/HYGIENIC PRACTICE:** Follow good hygienic work 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.*

**PREPARED BY:** T. Joritz                                      **DATE:** 14 December 2004  
Director Regulatory Affairs

N.A. = NOT APPLICABLE  
N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

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<b>FIRE – 0</b>	<b>TOXICITY – 1</b>	<b>NFPA REACTIVITY – 1</b>	<b>SPECIAL – OXY</b>
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