

## MATERIAL SAFETY DATA SHEET

LANIER  
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SUPERCEDES: October 13, 1987

ISSUED: June 7, 1991  
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PRODUCT ID:

MSDS NUMBER: CP-222

## 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:

TRADE NAME:

"VCQ" Imaging Powder, Type 355,  
included in T350 and T356 Combo Cartons

DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS: N/A

2. INGREDIENTS	PERCENT	CAS NO.	EXPOSURE LIMITS	SOURCE*
Epichlorohydrin/Bisphenol			10 mg/m <sup>3</sup>	
A Type Epoxy Resin	< 50	25036-25-3	15 mg/m <sup>3</sup>	
Magnetite (mostly Fe <sub>3</sub> O <sub>4</sub> )	> 50	1309-37-1	10 mg/m <sup>3</sup>	
Carbon black	< 5	1333-86-4	3.5 mg/m <sup>3</sup>	
Fumed Silica	< 2	7631-86-9	10 mg/m <sup>3</sup>	
Fumed Silica	< 2	7631-86-9	20 mppcf	

## \* SOURCE OF EXPOSURE LIMIT DATA:

- A. ACGIH THRESHOLD LIMIT VALUES  
C. LANIER GUIDELINES  
E. NONE ESTABLISHED

- B. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT  
D. MANUFACTURER RECOMMENDED GUIDELINES

ABBREVIATIONS: N/A = NOT APPLICABLE  
N/D = NOT DETERMINED

## 3. PHYSICAL DATA

BOILING POINT: N/A °F	SOLUBILITY IN H <sub>2</sub> O: Nil
VAPOR PRESSURE: N/A AT °F	SPECIFIC GRAVITY (H <sub>2</sub> O=1): (H <sub>2</sub> O=1): 2
VAPOR DENSITY: N/A (AIR = 1)	pH: N/A
EVAPORATION RATE: N/A (ETHER = 1)	VISCOSITY: N/A
% VOLATILE: None	

APPEARANCE AND ODOR: Fine black powder.

## 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): N/A

FLAMMABILITY LIMITS:

LEL = N/A UEL = N/A

EXTINGUISHING MEDIA: CO<sub>2</sub> foam, dry chemical. Class A combustible.

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

## 5. REACTIVITY DATA

STABILITY: STABLE | X | UNSTABLE | | HAZARDOUS POLYMERIZATION: MAY OCCUR | | MAY NOT OCCUR | X |

INCOMPATIBILITY = MATERIALS TO AVOID: Resin portion can react vigorously with strong oxidizing agent or mineral acids.

CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, acids.

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**6. ENVIRONMENTAL INFORMATION**

**Spill Response: (OBSERVE ALL PRECAUTIONS IN SECTION 7):**

Vacuum with Lanier approved vacuum cleaner or sweep up spilled material, clean up residue. Be cautious when walking on spilled powder, as it can be very slippery.

**RECOMMENDED DISPOSAL:**

May be sanitary landfilled in accordance with federal, state and local regulations.

**ENVIRONMENTAL DATA:**

**7. PRECAUTIONARY INFORMATION**

Avoid eye contact.  
Store in cool dry place.

**8. HEALTH HAZARD DATA**

**EYE CONTACT:**

Animal studies indicate product is non-irritating to the eyes upon direct contact. Persons getting this powder in their eyes would be expected to experience a very slight transient irritation.

**SKIN CONTACT:**

Powder has been found to be non-irritating and non-sensitizing when tested in rabbits and guinea pigs. The potential for skin irritation or sensitization is considered quite low.

**INHALATION:**

Powder has been demonstrated to be essentially inert when tested in pulmonary studies in rats. The chronic inhalation hazard associated with the powder is considered low.

**IF SWALLOWED:**

The powder was found to be practically non-toxic when orally administered to rats. The acute oral LD<sub>50</sub> (rats) is greater than 5 gm/Kg.

**9. SUGGESTED FIRST AID**

Flush eyes with plenty of water. Call a physician.

Wash affected areas with soap and water.

Remove person to fresh air.

Give two glasses of water. Call a physician.