

Consumer Information Sheet #2284

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A.T.CROSS COMPANY ONE ALBION ROAD LINCOLN, RHODE ISLAND 02865 Phone: (401) 335-8376 POLYMER LEADS NEW HARBOR LEAD USED IN: MECHANICAL PENCILS Prepared: 2/14/03 Revised:

This is a reproduction of the Ink Manufacturers MSDS for bulk ink. An MSDS for the writing instrument is not required. They are exempt as either "articles", 29 CFR 1910.1200(b)(6)(v), or a "consumer product", 29 CFR 1910.1200(b)(6)(ix). ASTM D-4236 Labeling is also not required for these products.

SECTION I GENERAL INFORMATION

MANUFACTURER NAME: Chitose Co., LTD.

Head Office

806-1, Kinmei-Cho, Soka-Shi, Saitama-Ken,

Japan

Phone: (0489) 43-7375 Telex: 2962-933 Chtose J

Business Department & Plant

147 Angyohara, Kawaguchi-Shi, Saitama-Ken

Japan

Phone: (0482) 96-5002 Fax: 81-482-94-9852

CAS-no. Substance conc. Range % classification

Graphite 60% - 70% Carbon 40% - 30% Hazardous Ingredients: None

SECTION III PHYS./CHEM. CHARACTERISTICS (SPECIFY COMPONENT

Appearance: Dark-gray to deep-black 0.5mm to 0.9mm, 2.0mm dia. Stick type	Odor: None
Vapor Pressure: MM HG @ 20°C: N/A	Surface Tension: @ 20°C: 42
Vapor Density (Air = 1): N/A	Melting Point (°C): approx. 3700
Solubility in Water: Insoluble	Evaporation Rate (Butylacetate = 1) N/A
pH: 9.5	Viscosity: @ 25°C: 1.96 CPS
Boiling Point: No information found	Specific gravity: 2.2

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flashpoint: (°F):188°C in case of using paraffin

Extinguishing Media: Water Spray, Carbon Dioxide, Foam

Fire and Explosion Hazards: None

NFPA Hazard Rating: H-1, F-2, R-0

SECTION V HEALTH DATA

1. Acute: N/A 2. Chronic : N/A

Chemicals Listed as Carcinogens: none

Effects of overexposure: No health hazard in normal usage. The ingredients used on this polymer leads are approved by "JIS" Standard No. S-6005-1989 and inspected by Bunka Yoohin Anzen Shiken jyo, Tokyo, Japan.

Emergency and First Aid Procedures

First Aid Procedures	Seek Medical Advice
Not Applicable	
Flush eyes with fresh water on low pressure, and obtain medical attention.	Х
Remove by wiping, wash skin with soap and water.	
None. If large amounts of Polymer Leads are ingested, obtain medical attention.	X
	Not Applicable Flush eyes with fresh water on low pressure, and obtain medica attention. Remove by wiping, wash skin with soap and water. None. If large amounts of Polymer Leads are ingested, obtain

SECTION VI REACTIVITY DATA

Stability: Stable [X] Unstable []

Conditions to avoid: none

Hazardous polymerization; May occur $[\]$ will not occur $[\ X\]$ Chemical Incompatibility: None

SECTION VII SPECIAL PROTECTION

Respiratory: Not Applicable Eye: Not Applicable Gloves: Not Applicable

Local Exhaust Ventilation: Not Applicable

Clothing: Not Applicable

SECTION VIII ENVIRONMENTAL DATA

Environmental Toxicity: Not Applicable Spill and Leak Procedure: Not Applicable

Waste Disposal Method: In accordance with Federal, State and Local Regulations.

SECTION IX SPECIAL PRECAUTION

Transportation Requirement: None **Storage:** None. Store in normal room.

SECTION X OTHER REGULATORY CONTROLS:

Not applicable.