

APR 04 2003 8:53AM

LIQUI-MARK

5163335396

p. 2

Recd 04-04-03

Material Safety Data Sheet

20572-0129

Liqui-Mark Metallic Colored Pencils

MSDS No. 99002

Date of Preparation: 04/03/03

Revision: A

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Liqui-Mark Metallic Colored Pencils

Chemical Formula:

CAS Number: Not assigned.

Other Designations:

General Use: Arts and Crafts

Manufacturer: Liqui-Mark, 130 Swalm Street, Westbury, New York 11590, Phone (516) 333-5100, FAX (516) 333-5396 (S: 30 Am- 5:00Pm EST), Toll Free: (800) 486-9005

Manufacturer: Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol		
Product has been certified as non-toxic by Guandong Import and Export Toys Inspection Center of China and conforms to ASTM D-4236 Standard Practice for Labeling Art Material for Acute and Chronic Adverse Health Hazards. Also found to comply with the stated requirements of European Standard on Safety of Toys EN71: Part 3: 1994 Migration of certain elements.	Not assigned.	100		
Ingredient Name	Content (mg/kg)	Limit (mg/kg)	CAS Number	% wt or % vol
SOLUBLE ANTIMONY (Sb)	<5	60		
SOLUBLE ARSENIC (As)	<5	25		
SOLUBLE BARIUM (Ba)	<528	1000		
SOLUBLE CHROMIUM (Cr)	<5	60		
SOLUBLE LEAD (Pb)	<5	90	7439-92-1	
SOLUBLE MERCURY (Hg)	<5	60		
SOLUBLE SELENIUM (Se)	<5	500		
SOLUBLE CADMIUM (Cd)	<5	75	7440-43-9	

V-2701

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

HMIS
H 1
F #
R #
PPE*
*Sec 8

Potential Health Effects

Primary Entry Routes: Not hazardous

Target Organs:

Acute Effects

Inhalation: None

Eye: None

Skin: None

Ingestion: None

Carcinogenicity: IARC, NTP, and OSHA do not list ingredients of Liquid-Mark Colored Pencils as a carcinogen. Medical Conditions Aggravated by Long-Term Exposure: No evidence of adverse health effects from available information

Chronic Effects: None

Section 4 - First Aid Measures

Inhalation: It is unlikely that emergency treatment will be required. Remove to fresh air. Get medical attention, if needed.

Eye Contact: It is unlikely that emergency treatment will be required. Flush eyes with large amount of water at least 15-20 minutes. Contact a physician if needed

Skin Contact: It is unlikely that emergency treatment will be required. Wash with soap and water. Get medical attention, if needed.

Ingestion: If accidentally swallowed, obtain immediate medical attention.

APR 04 2003 8:53AM

LIQUI-MARK

5163335396

P. 3

MSDS No. 99002

Liqui-Mark Metallic Colored Pencils

Revision: A

For first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

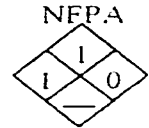
Special Precautions/Procedures:

Section 5 - Fire-Fighting Measures

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: Regular resistant foam, carbon dioxide, dry chemical, and water spray.

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

**Section 6 - Accidental Release Measures**

Spill/Leak Procedures: Collect materials in appropriate container for disposal.

Small Spills:

Large Spills:

Containment: Not Applicable.

Cleanup:

Regulatory Requirements:

Section 7 - Handling and Storage

ALL MATERIAL SHALL BE PACKED, LABELED AND DISPOSED IN CONFORMANCE WITH APPLICABLE, LOCAL STATE AND FEDERAL REGULATIONS. AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION. KEEP SEPERATED FROM INCOMPATIBLE SUBSTANCES.

Section 8 - Exposure Controls / Personal Protection

EXPOSURE LIMITS:

LIQUI-MARK COLORED PENCILS:

No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Not required under normal conditions.

CLOTHING: Protective clothing is not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

GLOVES: Protective gloves are not required under normal conditions.

CLOTHING: Section 9 - Physical**and Chemical Properties**

Physical State: solid

Appearance and Odor: pleasant odor

Odor Threshold: not applicable

Vapor Pressure: not applicable

Vapor Density (Air=1): not applicable

Formula Weight: not applicable

Density: not applicable

Specific Gravity (H₂O=1, at 4 °C): not applicable

PH: not applicable

Water Solubility: not applicable

Other Solubility's: not applicable

Boiling Point: not applicable

Freezing/Melting Point: not applicable

Viscosity: not applicable

Refractive Index: not applicable

Surface Tension: not applicable

% Volatile: not applicable

Evaporation Rate: not applicable

APR 04 2003 8:53AM

LIQUI-MARK

5163335396

P. 3

Revision: A

Liqui-Mark Metallic Colored Pencils

MSDS No. 99002

Section 10 - Stability and Reactivity**Stability:** Liqui-Mark Colored Pencils is stable under normal handling conditions.**Polymerization:** Will not occur**Chemical Incompatibilities:** Oxidizing materials**Conditions to Avoid:** None reported**Hazardous Decomposition Products:** Thermal oxidative decomposition of Liqui-Mark Colored Pencils can produce Oxides of carbon.**Section 11 - Toxicological Information****Toxicity Data:**

Eye Effects: Not available

Acute Inhalation Effects: Not available

Skin Effects: Not available

Acute Oral Effects: Not available

Chronic Effects: Not available

Carcinogenicity: Not available

Mutagenicity: Not available

Teratogenicity: Not available

Section 12 - Ecological Information

NOT AVAILABLE

Section 13 - Disposal Considerations**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.**Section 14 - Transport Information**

No classification assigned.

LAND TRANSPORT ADR/RID:

No classification assigned.

AIR TRANSPORT

IATA/ICAO: No classification assigned.

MARITIME TRANSPORT

IMDG: No classification assigned.

Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) listed/unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA,

Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), lb (?? kg)

SARA 311/312 Codes:

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.119)

APR 04 2003 8:53AM

LIQUI-MARK

5163335396

P. 5

MSDS No. 99002

Liqui-Mark Metallic Colored Pencils

Revision: A

State Regulations:

Section 16 - Other Information

Prepared By: RONILO J. DINGLAS
Revision Notes:

Additional Hazard Rating Systems:

Disclaimer: company disclaimer