

Material Safety Data Sheet

Liqui-Mark Washable Fineline Markers

MSDS No. 99005

Date of Preparation: 04/22/04

Revision: A

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Liqui-Mark Washable Fineline Markers

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
(8:30 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 tested as non-toxic by Toxicologist and consultant of Intertek Testing Services from China and conforms to ASTM D-4236 and require no additional labeling in accordance with the CPSC's Regulation as mandated by the Labeling of Hazardous Art Materials Act (LHAMA). 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)	<2	60		
SOLUBLE ARSENIC (As)	<2	25		
SOLUBLE BARIUM (Ba)	<32	1000		
SOLUBLE CHROMIUM (Cr)	<2	75		
SOLUBLE LEAD (Pb)	<2	90	7439-92-1	
SOLUBLE MERCURY (Hg)	<2	60		
SOLUBLE SELENIUM (Se)	<2	500		
SOLUBLE CADMIUM (Cd)	<3.7	75	7440-43-9	

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

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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 Washable Fineline Markers 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.

After 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 the products 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 WASHABLE FINELINE MARKERS:

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

Section 10 - Stability and Reactivity

Stability: Liqui-Mark Washable Fineline Markers 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 Washable Fineline Markers 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/ICAIO: 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)

State Regulations:**Section 16 - Other Information****Prepared By:** RONILO J. DINGLAS**Revision Notes:****Additional Hazard Rating Systems:****Disclaimer:** company disclaimer