

21224-XXXX



Safety Data Sheet

30 DAVIDS DRIVE

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SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Liqui-Mark Water Based Markers

Liqui-Mark Item # 41600, 48120, 112XX, 1000XX, 80XXX, 81XXX, 105XX

Contact Email: sales@liquimark.com

Usage: (see Section 7)

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	% of Comp.	Cas No.
ETHYLENE GLYCOL	<27	107-21-1
ACID BLACK #2		
ACID YELLOW #23		1934-21-0
ACID BLUE #9		3844-45-9
ACID RED #1		3734-67-6
ACID BLUE #1		129-17-9
ACID VIOLET #17		4129-84-4
ACID RED #73		17372-87-1
BASIC RED #1		
ACID RED #87		17372-87-1
ROCALL 50% USP		989-38-8
NON-HAZERDOUS INGREDIENTS	50-60	
Other non-classified hazards:	n/a	

Revision C

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Item Numbers: 21224-0089, 21224-2001, 21224-2009, 21224-3001, 21224-4001, 21224-4501, 21224-5001, 21224-6001, 21224-7001, 21224-8031

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SECTION 3: HAZARDS IDENTIFICATION

Physical / Chemical Hazard:	NOT HAZARDOUS
Environmental Hazard:	NO DATA AVAILABLE
Target Organs:	
Acute Effects:	N/A
Signs and symptoms of exposure:	N/A
Carcinogenicity:	NOT LISTED
Chronic Effects:	NO DATA AVAILABLE

SECTION 4: FIRST AID MEASURES

Inhalation:	REMOVE TO FRESH AIR, KEEP PATIENT WARM AND AT REST; IF BREATHING IS IRREGULAR OR STOPPED ADMINISTER ARTIFICIAL RESPIRATION; IF UNCONSCIOUS PLACE IN RECOVERY POSITION AND SEEK MEDICAL ADVICE.
Eyes:	FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART FOR THOROUGH IRRIGATION. IN CASE OF REMAINING IRRITATION SEEK MEDICAL ATTENTION.
Skin: CONSULT	WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF ANY IRRITATION DEVELOPS, A PHYSICIAN.
Ingestion:	GIVE TWO GLASSES OF WATER AND INDUCE VOMITING - CALL A PHYSICIAN

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

SECTION 5: FIRE FIGHTING MEASURES

Flash Point F(C):	500° F
Flash Point Method:	COC
Auto ignition Temperature:	N/D
Extinguishing Media:	ALCOHOL RESISTANT FOAM, CO ₂ , POWDERS, WATER SPRAY
Special protective Equipment:	
Unusual Fire & Explosion Procedures:	NONE EXPECTED.
Fire Fighting Instructions:	N/A IN THE AMOUNT OF DYE USED IN THE FORMULATION

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid any uncontrolled release of material.

Spills / Leaks: Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers. Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE AVOID EYE & SKIN CONTACT.

SECTION 7: HANDLING & STORAGE

Handling: HANDLE WITH REASONABLE CARE.

Storage: KEEP CONTAINER TIGHTLY CLOSED, PROTECT FROM THE INFLUENCE OF WEATHER.

Storage Class:

CSR Information: Consistent with known Exposure Scenario

Envir. Handling: See section 12

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: NOT NECESSARY

Ventilation: LOCAL EXHAUST

Administrative Controls:

Respiratory Protection: NOT NECESSARY, GOOD ROOM VENTILATION IS SUFFICIENT

Protective Equipment: RUBBER / PLASTIC GLOVES AND PROTECTIVE GLASSES

Safety Stations: PAY ATTENTION TO THE USUAL RULES FOR HANDLING CHEMICALS

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	ODERLESS LIQUID
Boiling Point:	105-110° DEG C
Surface Tension:	31-35 DYNE/CM
Freezing/Melting Point:	<0° C
Solubility in water:	N/A
Specific Gravity:	(H2O=1, AT 4 °C): 1.050-1.085
Vapor Pressure:	
Vapor Density:	(AIR=1): >1.5
Evaporation Rate:	>1.0

SECTION 10: STABILITY AND REACTIVITY

Stability:	STABLE
Polymerization:	WILL NOT OCCUR
Conditions to Avoid:	NONE
Chemical Incompatibilities:	N/A
Hazardous Decomposition Products:	NO HAZERDOUS DECOMPOSITION PRODUCTS KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

Oral:	NO DATA AVAILABLE.
Dermal:	NO DATA AVAILABLE.
Effects to eyes:	EYES - SLIGHT IRRITANT.
Skin irritation:	SKIN - SLIGHT IRRITANT.
Chemical Safety Assessment (CSA):	N/D
Substance subject to authorization/restriction:	NO

SECTION 12: ECOLOGICAL INFORMATION

No Data Available

Fish toxicity:	NO DATA AVAILABLE.
Bacteria Toxicity:	NO DATA AVAILABLE.
Biodegradation:	NO DATA AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATION

DISPOSE OF ONLY IN AN APPROVED LAND-FILL AREA OR BY CONTROLLED INCINERATION IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

Contaminated Packaging: EMPTY BAGS THOROUGHLY. CARRY OUT THE PROPER RECYCLING, RE-USAGE OR DISPOSAL.

SECTION 14: TRANSPORT INFORMATION

UN Number :

REGULATION	DESCRIPTION (proper shipping name)
DOT :	NONE
Land Transport:	NONE
Air Transport:	NONE
Sea Transport:	NONE

SECTION 15: REGULATORY INFORMATION

CPSIA Approved:	YES
ASTM D-4236 Approved:	YES
California Proposition 65:	YES

SECTION 16: OTHER INFORMATION

Revision Information: Revision C
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