

7-5013 97-3736  
 97-4092 91-185  
 61-303A 97-4848  
 Material Safety Data Sheet 91-186  
 Required under OSHA Safety and Health Regulations  
 for Safety and Employment (29 CFR 1910.1200)

K4757M 300855  
 U.S. Department of Labor  
 Occupational Safety and Health Administration

OSHA Form 1214  
 Expires 12/31/85

**Section I** Emergency Telephone No.  
609-392-3071

Manufacturer's Name: **Magic Marker Industries, Inc.**

Address (Number, Street, City, State, and ZIP Code):  
**467 Calhoun Street  
 Trenton, NJ 08618**

Critical Name and Synonyms: \_\_\_\_\_  
 Trade Name and Synonyms: **Water Based Markers**  
 Chemical Family: **Aqueous Solution** Formula

**Section II - Hazardous Ingredients**

Paints, Preservatives, and Solvents	% TLV (Ceil)		Alloys and Metallic Coatings	% TLV	
Pigments / Dyes	5		Base Metal		
Colorants			Acids		
Vehicles			Inks and Coatings		
Solvents	0.1		Flux Metal Plus Coating or Core Flux		
Additives	0.5		Others		
Others					

**Hazardous Mixtures of Other Liquids, Solids or Gases**

	% TLV

**Section III - Physical Data**

Boiling Point (°F): **213°F**      Specific Gravity (H<sub>2</sub>O=1): \_\_\_\_\_

Vapor Pressure (mm Hg): **760**      Percent Volatile by Volume (%): \_\_\_\_\_

Vapor Density (AIR=1): **>1**      Evaporation Rate: \_\_\_\_\_

Solubility in Water: **100% Complete**

Appearance and Odor: **Clear colored watery liquid; no odor.**

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used): **230°F**      Flammable Limits: \_\_\_\_\_      LEL: **M**      UEL: **NA**

Extinguishing Media: **NA**

Special Fire Fighting Procedures: \_\_\_\_\_

Unusual Fire and Explosion Hazards: **None**

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Health Hazard Data

Signal Word

NA

Effects of Overexposure

Mild skin and eye irritation

Emergency First Aid Procedures

Eye - flush with cold water

Ingestion - over exposure; induce vomiting, call physician

Skin - wash with soap and water

Inhalation - none

Section VI - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition Products

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Wipe up immediately; clean with soap and water.

Waste Disposal Method: Acceptable disposal methods.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)

NA

Ventilation	Local Exhaust		Special
	Mechanical (General)		Other

Protective Gloves

NA

Eye Protection

Other Protective Equipment

Section IX - Special Precautions

Precautions to be Taken in Handling and Storage: None

Other Precautions