

Materials Safety Data Sheet

Required under USDL Safety and Health Regulations for Secondary Employment (29 CFR 1915)

U.S. Department of Labor

Occupational Safety and Health Administration

000004 

CMS No. 1218-0100  
Expiration Date 05 31 88

Section I

Manufacturer's Name  
Magic Marker Industries, Inc.

Emergency Telephone Number  
609-392-3071

Address (Number, Street, City, State, and ZIP Code)  
467 Calhoun Street

Chemical Name and Synonyms

Trenton, NJ 08618

Trade Name and Synonyms

Permanent Markers

Chemical Family

Formula  
Alcohol Ink

Section II - Hazardous Ingredients

Paints, Preservatives, and Solvents	% TLV (Units)	Alloys and Metallic Coatings	% TLV (Units)
Pigments / Dyes	10	Base Metal	
Catalyst		Alloys	
Vehicle	4	Metallic Coatings	
Solvents	86	Filler Metal Plus Coating or Core Flux	
Additives		Others	
Others			

Hazardous Mixtures of Other Liquids, Solids or Gases

	% TLV (Units)

Section III - Physical Data

Boiling Point (°F)	200F	Specific Gravity (H <sub>2</sub> O=1)	.850
Vapor Pressure (mm Hg.)	15	Percent Volatile by Volume (%)	86
Vapor Density (AIR=1)	2.0	Evaporation Rate (_____ =1)	1.5
Solubility in Water	86%		

Appearance and Odor  
Clear colored liquid contained in a plastic container; alcohol odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Lel	Uel
85°F - Closed cup		3.5%	18%
Extinguishing Media			
CO <sub>2</sub> and dry chemical			
Special Fire Fighting Procedures			

Unusual Fire and Explosion Hazards

Keep away from sources of ignition.

Section V - Health Hazard Data

Threshold Limit Value

200 PPM

Effects of Overexposure

Mild headache or nausea.

Emergency First Aid Procedures

Eyes - flush with water

Ingestion - induce vomiting

Skin - wash with soap and water

and call physician

Inhalation - move to fresh air

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.

Waste Disposal Method

In suitable container in accordance with local, state, and federal regulations.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)			NA
Ventilation	Local Exhaust		Special
	Mechanical (General)	NA	Other
Protective Gloves		NA	Eye Protection
Other Protective Equipment			

Section IX - Special Precautions

Precautions to be Taken in Handling and Storage

Store material to avoid sources of ignition.

Other Precautions