

Nasco 1502423

Form Approved  
OMB No. 44-R1387

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

# MATERIAL SAFETY DATA SHEET

# 250  
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Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME DRI MARK PRODUCTS, INC.		EMERGENCY TELEPHONE NO. (516) 484-6200
ADDRESS (Number, Street, City, State, and ZIP Code) 15 HARBOR PARK DRIVE PORT WASHINGTON, NY 11050		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS BUFFALO PERMANENT MARKERS	
CHEMICAL FAMILY N/A	FORMULA ALCOHOL BASED (specific color)	

(300R)

## SECTION II - HAZARDOUS INGREDIENTS

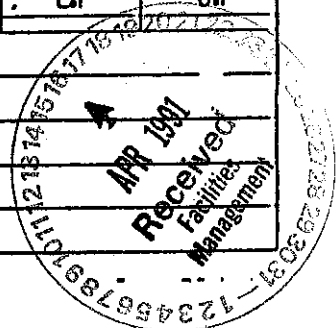
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Spirit dyes, depends			BASE METAL		
CATALYST on color			ALLOYS		
VEHICLE carbitols (approx)	5		METALLIC COATINGS		
SOLVENTS n-propyl alcohol (")	87	200	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES surfactant	0.5		OTHERS		
OTHERS Resin (approx)	5				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Synthetic fiber reservoir and nib, plastic body					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	216° F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.85
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%) (approx)	95
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (PENTANE=1)	1.25
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR	colored, faint odor liquid		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	not established	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Co <sub>2</sub> foam chemical			
SPECIAL FIRE FIGHTING PROCEDURES	fire fighting equipment			
UNUSUAL FIRE AND EXPLOSION HAZARDS	none			



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**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: not known

EFFECTS OF OVEREXPOSURE: eye contact; irritation; inhalation; irritation to mucus membrane

EMERGENCY AND FIRST AID PROCEDURES: as the product is marketed as marking pens, there is little possibility of emergency. in case of emergency, seek medical assistance.

**SECTION VI - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID	none
	STABLE	XX		

INCOMPATIBILITY (Materials to avoid): none

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may product unknown organics.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	none
	WILL NOT OCCUR	XX		

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

As the liquid ink is soaked in a porous non reactive resevoir, there will be no spillage.

WASTE DISPOSAL METHOD: dispose of in compliance with state and local regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Specify type): none

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES: none      EYE PROTECTION: none

OTHER PROTECTIVE EQUIPMENT: none

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS: Avoid contact with eyes and skin, do not inhale. close cap when not in use. not intended for childrens use.