

Risk
Bottle
97-803
A-H

MATERIAL SAFETY DATA SHEET

424

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

SECTION I

MANUFACTURER'S NAME SANFORD CORPORATION	EMERGENCY TELEPHONE NO. (312) 378-4814
ADDRESS (Number, Street, City, State, and ZIP Code) 2740 Washington Blvd., Bellwood, IL 60104	
CHEMICAL NAME AND SYNONYMS Sanford's Hi Intensity Inks	TRADE NAME AND SYNONYMS SHARPIE MARKER *
CHEMICAL FAMILY Mixture	FORMULA PROPRIETARY

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	-		BASE METAL	-	
CATALYST	-		ALLOYS	-	
VEHICLE	-		METALLIC COATINGS	-	
SOLVENTS **	65-80	5ppm	FILLER METAL PLUS COATING OR CORE FLUX	-	
ADDITIVES Resins, Wetting Agents, Perfumes	4-7	Undet.	OTHERS	-	
OTHERS Dyes	5-1	Undet.			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
** Glycol Ethers, Alcohols					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	250-280	SPECIFIC GRAVITY (H ₂ O=1)	0.95-0.98
VAPOR PRESSURE (mm Hg.)	4-6	PERCENT VOLATILE BY VOLUME (%)	70-90
VAPOR DENSITY (AIR=1)	3-4	EVAPORATION RATE (n-butyl acetate)	.3-.6
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR: Colored Liquid, Slight Odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 125°F (100)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Alcohol foam, dry chemical, or carbon dioxide.			
SPECIAL FIRE FIGHTING PROCEDURES Self-contained breathing apparatus with a full facepiece operated in a positive pressure mode.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Heavier than air vapors.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Eyes-severe irritation, blurred vision; Skin-moderate irritation, chronic effects possible; Inhalation-respiratory irritation, nausea, headache; Ingestion - gastrointestinal irritation, nausea, vomiting.

EMERGENCY AND FIRST AID PROCEDURES

Eyes-flush with water, call physician; Skin-wash thoroughly with soap and water; Inhalation-remove to fresh air, call physician if symptoms persist; Ingestion - induce vomiting, call physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

High heat, open flames

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Burning call produce carbon monoxide and carbon dioxide.

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

Eliminate all ignition sources, ventilate area, collect with absorbent material.

WASTE DISPOSAL METHOD

Dry absorbent material in hood and dispose of absorbent material as solid waste.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

If any TLV is exceeded, use NIOSH/MSHA air supplied respirator.

VENTILATION

LOCAL EXHAUST Acceptable to keep exposure below TLV's

SPECIAL

MECHANICAL (General) Acceptable to keep exposure below TLV's

OTHER

PROTECTIVE GLOVES

Solvent resistant as needed.

EYE PROTECTION

OSHA approved for splash protection.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage appropriate for flammable liquids.

OTHER PRECAUTIONS



MINERALS, PIGMENTS & METALS DIVISION

527

97-4213
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ATTN:

Gentlemen:

Please be advised that the Montana talc's which you purchased contain no detectable quantities of tremolite or any of the asbestiform minerals.

PRODUCT: MP 50-30

PURCHASE ORDER #: _____

LOT: _____

CUSTOMER ORDER DATE : _____

DATE TESTED: _____

% Acid soluble substances, (2.0% maximum): _____

% Water soluble substances, (0.1% maximum): _____

Reaction, (Neutral): Neutral

Water soluble iron: Passes

Loss on ignition at 1000°C, (less than 6.5%): _____

Microbiological count, (500/gram maximum): Passes

This lot of MP talc complies with U.S.P. specifications.

Mike Duffy
Quality Assurance Manager
_____, _____, _____

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