

MATERIAL SAFETY DATA SHEET

13-462

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) 547-6650
ADDRESS (Number, Street, City, State, and ZIP Code) 2740 Washington Blvd., Bellwood, IL 60104		
CHEMICAL NAME AND SYNONYMS Sanford's Mr. Sketch Inks		TRADE NAME AND SYNONYMS MR. SKETCH MARKERS *
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 **	84-92	Undet.	FILLER METAL PLUS COATING OR CORE FLUX	-	
ADDITIVES	Essences	2-12	OTHERS	Preservatives	<0.05 5ppm
OTHERS	Dyes	1-7	Undet.		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
** Water, Glycols					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.02-1.06
VAPOR PRESSURE (mm Hg.)	23	PERCENT VOLATILE BY VOLUME (%)	84-97
VAPOR DENSITY (AIR = 1)	1.0	EVAPORATION RATE (_____ %)	Undet.
SOLUBILITY IN WATER	Infinite		
APPEARANCE AND ODOR	Colored Liquid, Various fruitlike odors		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Not Applicable			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

THRESHOLD LIMIT VALUE See Section
EFFECTS OF OVEREXPOSURE Not Known
EMERGENCY AND FIRST AID PROCEDURES Not applicable.

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 Use absorbent material to contain spill.	
WASTE DISPOSAL METHOD Absorbent material as solid waste.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) Not needed.		
VENTILATION	LOCAL EXHAUST Not needed.	SPECIAL
	MECHANICAL (General) Not needed.	OTHER
PROTECTIVE CLOVES As necessary for stain protection		EYE PROTECTION As necessary for splash protection.
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING NONE	
OTHER PRECAUTIONS	

PAGE (2) *The information on this Material Safety Data Sheet refers to the inks used in these pens or markers and it applies to handling this ink in bulk. The ink in the pens or markers is contained in a capillary reservoir and tip, and will not spill or leak under normal conditions.

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

Introduction into eyes full strength is irritating.

Prolonged contact with skin full strength may produce mild irritation.

EMERGENCY AND FIRST AID PROCEDURES

Eye - Wash with copious amount of water-call physician.

Skin- Normal washing of skin.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

None Known

HAZARDOUS DECOMPOSITION PRODUCTS

CO and CO₂ By thermal decomposition

HAZARDOUS
POLYMERIZATION

MAY OCCUR

2

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water or absorb with dry absorbent

WASTE DISPOSAL METHOD

Flush to sewer with water

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Not needed under normal conditions of handling.

VENTILATION

LOCAL EXHAUST

Normal room ventilation is considered satisfactory.

SPECIAL

MECHANICAL (General)

NA

OTHER

PROTECTIVE GLOVES

Plastic if desired

EYE PROTECTION

Monogoggles if desired

OTHER PROTECTIVE EQUIPMENT

Eye bath and safety shower

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with eyes

OTHER PRECAUTIONS

None