



## HILLSBORO ELEMENTARY SCHOOLS

 715 S.E. 15th Ave.  
HILLSBORO, OR 97123

## MATERIAL SAFETY DATA SHEET

OT 0057

## 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 Dri-Line Ink		TRADE NAME AND SYNONYMS KING SIZE 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 Resins	6-8	Undet.	METALLIC COATINGS	-	
SOLVENTS **	80-88	100ppm	FILLER METAL PLUS COATING OR CORE FLUX	-	
ADDITIVES Cresol	0-2	5ppm	OTHERS	-	
OTHERS Dyes	4-13	Undet.			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
** Toluene, Xylene, Aromatic blend					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	232	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.88-0.91
VAPOR PRESSURE (mm Hg.)	22	PERCENT. VOLATILE BY VOLUME (%)	80-90
VAPOR DENSITY (AIR=1)	> 1	EVAPORATION RATE (Ethyl Ether=1)	< 1
SOLUBILITY IN WATER	NIL		
APPEARANCE AND ODOR	Colored Liquid, Aromatic Odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 4730 F (TCC)	FLAMMABLE LIMITS	Let	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.			

See Section II

EFFECTS OF OVEREXPOSURE

Eyes-severe irritation, blurred vision; Skin-moderate irritation; Inhalation - respiratory irritation, dizziness, 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-

do not 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 can 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		EYE PROTECTION
Solvent resistant as needed.		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

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.

Form OSHA-20  
Rev. May 72

PT-6/85

Manufacturer: Xerox Corporation  
Rochester, New York 14644

Emergency Tel. No.: (716) 422-2177  
Information Tel. No.: (800) 828-6571

### Section I - Product Identification

Trade Names/Synonyms: Silicone Fuser Oil, Fuser Lubricant

Part No.: 8R79, 8R111, 8R983,  
8R2404, 93E0081,  
Contained in 94K231

Chemical Name: Polydimethylsiloxane

#### Ingredients

#### CAS No.

Polydimethylsiloxane (100%)

63148-62-9

### Section II - Emergency and First Aid

Eyes: Flush eyes thoroughly with water.

Skin: Wash with soap and water.

Inhalation: Remove from exposure.

Ingestion: Dilute stomach contents with several glasses of water.

Primary Route of Entry: Inhalation

Symptoms of Overexposure: May cause minimal irritation of respiratory passages on continuous exposure to high concentrations.

Medical Conditions Generally Aggravated by Exposure: None when used as described by product literature.

Additional Information: See Sections V through VII.

Further information on file in Poisindex.

### Section III - Toxicology and Health Information

*This material has been evaluated by Xerox Corporation.*

Oral LD<sub>50</sub>: >35 g/kg (Rats) practically non-toxic.

TLV: N.A.

Dermal LD<sub>50</sub>: >3 g/kg (Rabbits) practically non-toxic.

Inhalation LC<sub>50</sub>: >11 mg/l (Rats) practically non-toxic.\*

PEL: N.A.

Eye Irritation: Not an irritant

Skin Sensitization: Not a sensitizer

<sup>1</sup>XEL: N.A.

Skin Irritation: Not an irritant

Human Patch: Non-irritating, non-sensitizing

Mutagenicity: No mutagenicity detected in Ames, UDS, and  
Dominant Lethal Assays.

Carcinogens: None present

Aquatic LC<sub>50</sub>: >500 mg/l (Fathead Minnows) non-toxic

Additional Information: \*Not tested to the highest dose or concentration.

<sup>1</sup>XEL - Xerox Exposure Limit

**Section IV - Physical Data**

Appearance/odor: Clear liquid/slight odor

Boiling Point: 149°C

Solubility in Water: Negligible

Evaporation Rate: &lt; 1, ether = 1

Vapor Density (Air = 1): N.A.

Volatile N.A. % (Wgt.) &lt; 5 % (Vol.)

Softening Range: N.A.

Melting Point: N.A.

Specific Gravity (H<sub>2</sub>O = 1): 0.98

Vapor Pressure (mm Hg): &lt; 5

pH = N.A.

**Section V - Fire and Explosion Data**

Flash Point (Method Used): &gt; 260°C (&gt; 500°F) C.O.C.

Flammable LEL: N.A.

Limits UEL: N.A.

Extinguishing Media: Foam, Carbon dioxide, Water Spray

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Fire and Explosion Hazards: None

**Section VI - Reactivity Data**

Stability:

Unstable

Stable

X

Hazardous

Polymerization:

May Occur

Will Not Occur

X

Hazardous Decomposition Products: Silicone dioxide, Carbon dioxide, and traces of incompletely burned carbon products.

Incompatibility (Materials to Avoid): Strong oxidizing materials

**Section VII - Special Protection Information**

Respiratory Protection: None required when used as intended in Xerox equipment.

Eye Protection: None required when used as intended in Xerox equipment.

Protective Gloves: PVC or plastic gloves recommended.

Other: None required when used as intended in Xerox equipment.

**Section VIII - Special Precautions**

Handling and Storage: Use reasonable care and caution. Clean up spills completely as residue is slippery.

Conditions to Avoid: None

**Section IX - Spill, Leak, and Disposal Procedures**

For Spills or Leakage: Soak up with an absorbent material.

Waste Disposal Method: Absorb liquid on vermiculite or other absorbent material. Dispose according to local, state and federal regulations. Biodegradation /non-biodegradable, Bioaccumulation/no evidence of accumulation.

**Section X - Transportation Information**

DOT Proper Shipping Name: Not Regulated

Hazard Classification: N.A.

ID Number: N.A.