

**HILLSBORO ELEMENTARY SCHOOLS**715 S.E. 6th Ave.
HILLSBORO, OR 97123**MATERIAL SAFETY DATA SHEET**

OT 0070

MANUFACTURER: Sanford Corporation
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Bellwood, IL 60104

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SECTION I. MATERIAL IDENTIFICATION

Common/Trade Name: Expo Dry Erase Marker
Chemical Name: Sanford's Dry Erase Inks
Chemical Family: Mixture

SECTION II. HAZARDOUS INGREDIENTS

Ingredients:	%	TLV Units
Pigments	2-5	Undetermined
Vehicle: Vinyl	3-10	Undetermined
Solvents: Ketones, Esters, Alcohol	75-85	50 PPM
Additives: Plasticizers	5-10	Undetermined

SECTION III. PHYSICAL DATA

Boiling Point (°F): 235 **Specific Gravity (Water=1):** 0.84-0.87
Vapor Pressure (mm Hg): 10-16 **Percent Volatile (By volume):** 90-95
Vapor Density (Air=1): 3.5-4.0
Solubility in Water: NIL **Evaporation Rate (Bu.Ac. = 1):** 1.6
Appearance and Odor: Colored Liquid, ketone odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 60°F 9TCC) **Flammable Limits:** N/A
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

Breathing: Respiratory irritation, dizziness, nausea, headache

Swallowing: Gastrointestinal irritation, nausea and vomiting.

Emergency and First Aid Procedures:

Eyes: Flush eyes with water, call a physician.

Skin: Wash thoroughly with soap and water.
Breathing: Remove to fresh air, call physician if symptoms persists.
Swallowing: Do not induce vomiting, call physician.

SECTION VI. REACTIVITY DATA

Stability: Stable
Conditions To Avoid: High heat, open flames
Incompatible With: Strong oxidizing agents
Hazardous Decomposition Products: Burning can produce carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.
Conditions To Avoid: N/A

SECTION VII. SPILL OR LEAK PROCEDURES

Procedures In Case of Spill or Leak: Eliminate all ignition sources, collect with absorbent material, ventilate area.
Waste Disposal: Dry absorbent material in hood and dispose of absorbent material as solid waste.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Type of Respiratory Protection: If any TLV is exceeded, use NIOSH/MSHA air supplied respirator.
Ventilation: Local exhaust acceptable to keep exposure below TLVs also a mechanical ventilation is acceptable.
Protective Gloves: Solvent resistant as needed
Eye Protection: OSHA approved for splash protection.
Other Protective Equipment: Not given

SECTION IX. SPECIAL PRECAUTIONS

Handling/Storage Precautions: Storage appropriate for flammable liquids.
Other Precautions: Not given
