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SANFORD CORPORATION
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Sanford Corporation has been advised by counsel that the OSHA Hazard Communication Standard does not apply to the Sanford product described in this MSDS. The reason for this exemption is contained in 29 CFR Part 1910-1200-01 (6) (vi) as amended August 24, 1987 per Federal Register Vol. 52, No. 163, p. 31877-31878. The information contained in this MSDS is forwarded to you for your information but is not meant to imply that the product is covered by the Hazard Communication Standard nor is the MSDS meant to comply with all requirements of the Hazard Communication Standard.

EMERGENCY TEL: 1-800-228-5635

DATE OF LAST REVISION:

April 28, 1987

DOCUMENT SEQUENCE NO.:

100-01

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91-100 Ath
97-3160

1. IDENTIFICATION:

NAME: Sharpie[®] Fine Point Permanent Marker

COLORS: Black

2. COMPOSITION:

Dyes

Solvents: Ethylene glycol monobutyl ether (111-76-2)
Ethylene glycol monoethyl ether (110-80-5)
Ethyl alcohol (64-17-5)

3. PHYSICAL DATA:

(for ethylene glycol monoethyl ether)

BOILING POINT: 273 - 277°F at 760 mm Hg
SPECIFIC GRAVITY: 0.929 - 0.931 at 68°F
VAPOR PRESSURE: 4.0 mm Hg at 68°F
VAPOR DENSITY: 3.1 (air = 1)
EVAPORATION RATE: less than 0.32 (butyl acetate = 1)
SOLUBILITY IN WATER: not available
APPEARANCE/ODOR: not available
FLASH POINT: 110° F (PMCC)
LOWER FLAMMABILITY LIMIT: 1.8%
UPPER FLAMMABILITY LIMIT: 15.6%

4. REACTIVITY:

STABILITY: stable
POLYMERIZATION: will not occur
CONDITIONS TO AVOID: not available
INCOMPATIBLE MATERIALS: not available
HAZARDOUS DECOMPOSITION PRODUCTS: not available

5. HEALTH HAZARD DATA:

This product is not considered toxic under Federal Hazardous Substances Act regulations, Title 16, Part 1500.

Neither the product nor any of the ingredients has been found to be a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

The product is considered safe when used under normal use conditions.

6. SAFE HANDLING AND USE PRECAUTIONS:

HANDLING AND STORAGE: Do not shake marker. Keep cap on marker when not in use.

CLEAN UP PROCEDURES: Wipe up with absorbent material and discard as solid waste.

WASTE DISPOSAL MEANS: Discard as solid waste.

7. PERSONAL PROTECTION AND EXPOSURE CONTROL MEASURES:

EYE PROTECTION: None under normal use conditions.

SKIN PROTECTION: None under normal use conditions.

RESPIRATORY PROTECTION: None under normal use conditions.

VENTILATION: None under normal use conditions.