

20431-20442

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 (b) (5) (vi) as amended August 21, 1987 per Federal Register Vol. 52, No. 161, 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: September 7, 1994

DOCUMENT SEQUENCE NO.: 120-08

1. IDENTIFICATION:

NAME: Expresso<sup>®</sup> Polymer Point Pens Extra Fine Point  
 COLORS: Black, Red, Blue, Green, Yellow, Orange, Brown, Purple, Pink, Turquoise Blue, Burgundy, Blue black

This product has been reviewed per ASTM D-4236 and conforms to this standard with no warning copy.

2. COMPOSITION:

Dyes

Solvents: water  
 diethylene glycol (111-46-6)

3. PHYSICAL DATA:

(for diethylene glycol)

BOILING POINT: 245°C at 760 mm Hg  
 SPECIFIC GRAVITY: 1.12 at 20/20°C (water = 1)  
 VAPOR PRESSURE: less than 0.01 mm Hg at 20°C  
 VAPOR DENSITY: 3.7 at 20°C (air = 1)  
 EVAPORATION RATE: negligible (butyl acetate = 1)  
 SOLUBILITY IN WATER: complete  
 APPEARANCE/ODOR: clear, colorless, mobile, syrupy liquid, essentially odorless  
 FLASH POINT: 242°F (TCC) ASTM D 56  
 LOWER FLAMMABILITY LIMIT: 1.7% by volume in air  
 UPPER FLAMMABILITY LIMIT: 10.6% by volume in air

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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.