

SANFORD CORPORATION
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20521-20535
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) (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: September 7, 1994

DOCUMENT SEQUENCE NO.: 121-08

1. IDENTIFICATION:

NAME: Expresso[®] Polymer Point Pens Medium Point
COLORS: Black, Red, Blue, Green, Yellow, Orange, Brown, Purple, Pink, Turquoise Blue, Gold, Burgundy

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.