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DATE OF LAST REVISION: December 20, 1994

DOCUMENT SEQUENCE NO.: 140-17

1. IDENTIFICATION:

NAME: Expo[®] Dry Erase Markers Chisel Tip
COLORS: Black, Red, Blue, Green, Yellow, Orange, Brown, Purple

2. COMPOSITION: Pigments and resins
Solvents: methyl isobutyl ketone (108-10-1)
n-butyl acetate (123-86-4)

Sanford Corp. is a member of The Art and Craft Materials Institute, 100 Boylston St, Boston MA 02116. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. The product is labeled with the following seal:



Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

3. PHYSICAL DATA: (for methyl isobutyl ketone)

BOILING POINT:	237 - 243°F at 760 mm Hg
SPECIFIC GRAVITY:	0.800 - 0.803 at 68°F
VAPOR PRESSURE:	16 mm Hg at 20°C
VAPOR DENSITY:	3.5 (air = 1)
EVAPORATION RATE:	1.64 (n-butyl acetate = 1)
SOLUBILITY IN WATER:	not available
APPEARANCE/ODOR:	clear liquid, strong ketone-like odor
FLASH POINT:	60°F (TCC)
LOWER FLAMMABILITY LIMIT:	1.4%
UPPER FLAMMABILITY LIMIT:	not available

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 (h) (6) (vii) as amended August 25, 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 it does not mean 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.

24570 - 24579, 25268

67119

24570-24579, 25268, 67119

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.