

Material Safety Data Sheet

MSDS No: 63601

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Sanford Corporation

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60104

Medical Emergency No:

1-800-228-5635

Section 1 - Product Identification

Product Name: Uni-Paint Markers Px-20, PX-21, PX-30

Colors: Black, Red, Blue, Green, Yellow, Violet, Orange, Light Blue, Pink, White, Silver, Gold

Writing Instrument Manufacturers Association (WIMA) certified. Conforms to ASTM D4236. These markers and the inks contained within have been examined by the WIMA Board Certified Toxicologist in a program of toxicological evaluation to assure they are in compliance with Federal Hazardous Substances Act (FHSA), Labeling of Hazardous Art Materials Act (LHAMA), and ASTM D-4236.

Section 2 - Composition

Xylene (1330-20-7), titanium dioxide (13463-67-1), dyes

Section 3 - Physical / Chemical Characteristics

For product unless otherwise indicated:

Boiling Point:	140°C (xylene)
Vapor Pressure (mm Hg):	100 mm
Specific Gravity:	1.25 - 1.32
Solubility in Water:	Insoluble
Appearance / Odor:	Colored ink; xylene odor
Evaporation Rate:	Not available

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used):	34.4°C (CC)
Flammability Limits (% by volume):	Lower: 1.1% Upper: 6.4%
Extinguishing Medium:	Dry chemical, carbon dioxide, regular foam
Special Fire Fighting Procedures:	For large fires, use foam or flood with fine water spray.
Unusual Fire and Explosion Hazards:	Avoid inhalation of material or combustion by-products. Stay upwind.

Section 5 - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Avoid heat, flames, sparks, and other sources of ignition.
Chemical Incompatibility:	Strong oxidizers
Hazardous Decomposition:	Oxides of carbon in fire.
Hazardous Polymerization:	Will not occur

Section 6 - Health Hazard Data

Chemical Listed as Carcinogen or Potential Carcinogen:

IARC Monographs:	No
National Toxicology Program:	No
OSHA Regulated:	No

Routes of entry: Inhalation - Move person to fresh air and supply artificial respiration, if necessary. Eyes - Flush with water. If irritation persists, consult a physician. Skin - Wash with soap and water. Ingestion - Do not induce vomiting, see physician. Acute Hazard: At high vapor concentration, dizziness, drowsiness, and unconsciousness may occur. CAUTION: Contains Xylene. Harmful or fatal if swallowed. If swallowed, do not induce vomiting. Call a physician. Keep out of reach of children. Use in well ventilated area. Direct contact may cause skin or eye irritation.

Section 7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material Is Released or Spilled:	Treat as flammable solvent. Use adequate ventilation.
Waste Disposal Method:	Dispose in accordance with Federal, State, and Local Regulations.
Precautions to be Taken In Handling and Storing:	Keep from open flames.
Other Precautions:	KEEP OUT OF REACH OF CHILDREN.

Section 8 - 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:	Use in a well-ventilated area.
Protective Clothing:	None under normal use conditions.

HMIS Code	
Health	2
Flammability	3
Reactivity	0
Personal Protection	N/A

0 = Minimal / 4 = Severe Hazard

Sanford Corporation has been advised by council that the OSHA Hazard Communication Standard does not apply to the Sanford Product described in this MSDS. The reason for the exemption is contained in 29 CFR Part 1910.1200 (b) (6) (ix), as amended July 1, 1994 per the Code of Federal Regulations. 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.