



**The following Corporate Express product numbers are related to the attached msds:**

Sanford NA  
 2711 Washington Boulevard  
 Bellwood, IL 60104  
 Phone: 708-547-6650 or 800-323-0749

**Emergency Medical Number: 888-786-0972**

**Creation Date:** October 1, 2003

**Section One: Product Information**

Product Name: Dry Erase Inks  
 Formula: Trade Secret  
 Colors: Black, Red, Blue, Green, Yellow, Orange, Brown, Purple

**Section Two: Ingredients**

Ingredients	CAS Number	% by Weight	PEL/TLV
Methyl Isobutyl Ketone	108-10-1	45 - 60	50 ppm TWA
n-Butyl Acetate	123-86-4	20 - 30	150 ppm TWA
Release Agents	N/A	5 - 10	N/A
Vinyl Resin	N/A	2 - 5	N/A
Pigments	N/A	2 - 5	N/A
Additives	N/A	2 - 5	N/A
**Black Color Contains Carbon			
Black** See IARC Info Below			

**Section Three: Hazards Identification**

**Routes of Entry:**

By Inhalation: Excessive inhalation can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness.  
 Skin: Prolonged contact can cause moderate irritation  
 Eye: Can cause severe irritation, redness, tearing, blurred vision.  
 By Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**Section Four: First Aid Measures**

Inhalation: Remove to fresh air. Get medical attention if symptoms persist.  
 Skin Contact: Wash with soap and water. Launder contaminated clothing before reuse.  
 Eye Contact: Flush with water for at least fifteen (15) minutes. Get medical attention.  
 Ingestion: Do not induce vomiting. Get medical attention.

**Section Five: Fire Fighting Measures**

Flash Point:	83F (CC)
Flammability Limits (% by volume):	Lower: 1.4% (mibk) Upper: 7.5% (mibk)
Extinguishing Media:	Alcohol foam, water fog, carbon dioxide, or dry chemical
Special Fire Fighting Measures:	Wear self-contained breathing apparatus with a full face piece operated in a positive pressure mode.
Unusual Fire and Explosion Hazards:	Heavier than air vapors

**Section Six: Accidental Release Measures**

Eliminate all ignition sources. Stop spill at source and prevent the material from entering drains, sewers, streams, or other bodies of water. Soak up with absorbent material and transfer to proper container for disposal, using appropriate personal protective equipment.

**Section Seven: Handling and Storage**

Handling:	No special handling requirements.
Storage:	No special storage requirements.
Other Precautions:	None

**Section Eight: Exposure Controls and Personal Protection**

Eye Protection:	OSHA approved goggles for splash protection
Protective Clothing:	Impervious clothing and gloves to prevent prolonged skin contact.
Respiratory Protection:	If TLV's are exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised.
Ventilation:	General or local to maintain exposures below recommended TLV's.

**Section Nine: Physical and Chemical Properties**

Boiling Point:	235 (mibk)
Specific Gravity:	0.84 - 0.87
Vapor Pressure:	Not determined
Solubility in Water:	Negligible
Evaporation Rate:	1.0 - 1.6
Appearance; Odor	Colored liquid; ketone odor
pH:	Not applicable

**Section Ten: Stability and Reactivity**

Stability: Stable  
 Conditions to Avoid: None known  
 Chemical Incompatibility: Strong oxidizers  
 Hazardous Decomposition: None known  
 Hazardous Polymerization: Will not occur

**Section Eleven: Toxicological Information**

IARC Monographs: No \*\*Carbon Black is listed as a possible carcinogen to humans - IARC Group 2B  
 National Toxicology Program: No  
 OSHA Regulated: No

**Section Twelve: Ecological Information**

Not available

**Section Thirteen: Disposal Considerations**

Dispose in accordance with Federal, State, and Local Regulations

**Section Fourteen: Transport Information**

Printing Ink, 3, UN1210, PGII

**Section Fifteen: Regulatory Information**

TSCA INVENTORY:

The product on this Material Safety Data Sheet is not listed on the United States Environmental Protection Agency Toxic Substances Control Act Inventory. However, the components of the product are included in the TSCA Inventory.

**Section Sixteen: Other Information**

HMIS Code	
Health	2
Flammability	3
Reactivity	0
Personal Protection	H

The product, which contains the ink above, meets the requirements of the Federal Substances Labeling Act Exemption for pens and markers because it is a porous-tip ink-marking device constructed so that a) the ink is held within an absorbent material that no free liquid is within the device, b) under reasonably foreseeable conditions of manipulation and use the ink will emerge only through the porous writing nib, and c) the device has a capacity of not more than 10 g of ink which has a single dose oral LD50 of not less than 2.5 g/kg of body weight of the test animal. The information on this MSDS refers to the inks used in pens or markers and the handling of these inks in bulk. This MSDS is provided for the purpose of disclosing Product Hazards and does not constitute Product Specification. All warranties, either expressed or implied, are hereby disclaimed.

**0=Minimal / 4 = Severe**