

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: CHROMARK INK
DATE: 1/5/13

CHROMARK CORP
827 S BOWEN
LONGMONT, CO 80502

EMERGENCY INFORMATION:
MEDICAL: (303) 772-6934

SECTION I: GENERAL INFORMATION
PRODUCT NAME: Chromark Ink
PRODUCT CLASS: Water based ink

SECTION II: HAZARDOUS INGREDIENTS

| INGREDIENT | CAS# | % | PEL |
|--------------------|-------------|-------|------------------------|
| Dipropylene Glycol | | | |
| Monomethyl Ether | 034590-94-8 | 10-15 | 100 PPM OSHA 8 HRS TWA |
| Water Soluble Dye | | 1-5 | |

Various dyes used in different colors: No known hazardous components in dyes. No significant harmful environmental effects are known.

SECTION III: PHYSICAL/CHEMICAL DATA

BOILING RANGE: 212° - 363°
% VOLATILE BY WEIGHT: 98
EVAPORATION RATE: Slower than Ethyl Ether
VAPOR DENSITY: 1.16 (AIR = 1)
VAPOR PRESSURE: 25 MM HS @ 25° F
WEIGHT PER GALLON: 7.9 LBS
SOLUBILITY IN WATER: Infinitely

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (TCC) : Greater than 167 degrees F
EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water Spray, Foam, Class BC, ABC Fire Extinguisher
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known
 Not flammable at room temperature but will combust if included in fire of other materials; as with all organic materials. Incomplete combustion may generate highly poisonous carbon monoxide and perhaps other toxic vapors; oxides of nitrogen and sulfur may also be produced.

SECTION V: REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: (MATERIALS TO AVOID): Strong oxidizers

SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE/EMERGENCY AND FIRST AID PROCEDURES

EYES: Contact with eyes may be irritating. Flush eyes immediately with plenty of water. Obtain emergency medical attention if pain, blinking, tears or redness persist.
SKIN: Not expected to present a significant skin hazard under anticipated conditions of normal use.
INHALATION: May cause dizziness, drowsiness, headache, nausea and vomiting. If vapors or mist cause irritation or distress, remove to fresh air. Give oxygen or apply artificial respiration if needed.
INGESTION: If swallowed, consult a physician immediately. If large quantity swallowed give lukewarm water (Pint) if victim completely conscious/alert. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. Obtain emergency medical attention.

CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE: Chronic effects and medical conditions aggravated by over-exposure to this product have not been established.

1

IF ANY SYMPTOMS PERSIST, CONSULT A PHYSICIAN.

CARCINOGEN: This product is not considered a carcinogen by OSHA, NTP, of IARC

FOR ADDITIONAL MEDICAL INFORMATION CALL 1-303-772-6934

SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

SMALL SPILLS: Soak up with absorbent, shovel into waste container, flush area with water.

LARGE SPILLS: Recover liquid for reprocessing or disposal

WASTE DISPOSAL: Dispose in accordance with all applicable state, local and federal regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with State, Local, and Federal regulations. Empty container may retain vapor or product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

DILUTE AQUEOUS WASTE MAY BIODEGRADE. AVOID OVERLOADING/POISONING PLANT BIOMASS. ASSURE EFFLUENT COMPLIES WITH APPLICABLE REGULATIONS

SECTION VIII: PROTECTIVE MEASURES (MANUFACTURING AND BOTTLING THE INK)

EYE PROTECTION: Goggles are recommended because eye contact may cause discomfort, even though it is unlikely to cause injury.

PROTECTIVE GLOVES: For brief contact, no precautions other than clean body covering should be needed. Use impervious gloves when prolonged or frequently repeated contact could occur.

RESPIRATORY PROTECTION: If vapors are approved respirator for organic vapors, air line respirator, or a self-contained breathing apparatus present, use NIOSH or MSHA

VENTILATION: Use ventilation adequate to keep hazardous ingredients below their TLV (See Section II)

OTHER PROTECTIVE EQUIPMENT: Protective clothing not normally needed in intended use; take care to prevent repeated or prolonged contact. Remove contaminated clothing and wash before reuse. Eye wash station should be near work area.

SECTION IX: SPECIAL INSTRUCTIONS

WASH THOROUGHLY AFTER HANDLING .

IF INGESTED CALL A PHYSICIAN.

AVOID EYE CONTAMINATION

NO SIGNIFICANT HARMFUL ENVIRONMENTAL EFFECTS ARE KNOWN

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