SAFETY DATA SHEET

Product Name: #3 Black Ink 24 hr. Emergency Telephone Number

General Use: Marking Ink Infotrac 1-800-535-5053

Manufacturer: Pannier Corporation, 207 Sandusky Street, Pittsburgh, PA. 15212

Telephone: 412-323-4900

WARNING: HEALTH





Risk Statements: Irritating to eyes, respiratory system, throat and skin. Repeated exposure may cause skin dryness or cracking. Harmful if swallowed – can cause nausea, vomiting and narcosis.

<u>Safety Statements:</u> Avoid contact with skin and eyes. Keep container tightly closed. No smoking!

Potential Health Effects:

Prolonged or repeated contact may dry and irritate skin. Eye contact will be extremely irritating. Chronic: None currently known.

Emergency and First Aid Procedures:

INHALATION: Remove to fresh air, restore breathing. Treat symptoms. Consult a physician. Eyes: Flush immediately with water for 15 minutes. See a physician. Skin: Wash with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: Drink water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately.

SEE SECTIONS 8, 11 - The hazards are based on 100% of the contained materials. They will be reduced by their lower concentration.

HAZARDOUS COMPONENTS	CASE NUMBER	WEIGHT PERCENT	
ISOPROPYL AND ETHYL ALCOHOL	67-63-0	30	

INHALATION: IRRITATION OF NOSE THROAT, DIZZINESS, HEADACHE AND NAUSEA.

EYES: EYE CONTACT MAY BE MODERATELY IRRITATING.

SKIN: DERMITITUS MAY RESULT.

INGESTION: CAN CAUSE NAUSEA. VOMITING AND NARCOSIS.

EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FULL PROTECTIVE EQUIPMENT MAY BE NEEDED TO PROTECT FIREFIGHTERS FROM HAZARDOUS COMBUSTION PRODUCTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

^{*}No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 is present.

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL SOURCES OF VAPOR IGNITION. VENTILATE AREA. AVOID BREATHING VAPORS. REMOVE BY SUITABLE INERT ABSORBING MATERIAL. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE, AND KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID EXCESSIVE INHALATION OF VAPOR OR MIST. OTHER PRECAUTIONS IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE, HANDLE WITH CARE AND AVOID UNNECESSARY CONTACT. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY. HMIS PERSONAL PROTECTIVE EQUIPMENT IS DEPENDENT UPON CONDITIONS OF USE. OCCUPATIONAL EXPOSURE LIMITS HAZARDOUS COMPONENTS OSHA PEL ACGIH TLV ISOPROPYL ETHYL ALCOHOL 400 PPM 400 PPM **CONTROL MEASURES:** GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS. **RESPIRATORY PROTECTION:** WHEN USED WITH ADEQUATE VENTILATION, NONE NORMALLY REQUIRED. HOWEVER, WHEN REQUIRED, ITS USE MUST BE IN COMPLIANCE WITH ALL OSHA HEALTH AND FIT TESTING REQUIREMENTS, AS GIVEN IN 29CFR 1910.134. PROTECTIVE CLOTHING: USE OF RUBBER OR PLASTIC GLOVES RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: USE PROTECTIVE CREAM WHEN SKIN CONTACT IS LIKELY. EYE PROTECTION: SAFETY EYEWEAR SHOULD BE AVAILABLE TO AVOID ACCIDENTAL CONTACT WORK / HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, DRINKING OR SMOKING. NO SMOKING IN WORK AREA. **BOILING RANGE:** 147 to 165° F. SPECIFIC GRAVITY (H2O=1): 1.0 **VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER **MATERIAL V. O. C.:** 2.94 LB/GL (352 G/L) VAPOR PRESSURE: 37.0 mm Hg @ 68 deg. F **SOLUBILITY IN WATER:** SOLUBLE APPEARANCE AND ODOR: THIN COLORED LIQUID, ALCOHOLIC FLASH POINT: 53°F METHOD USED: CLOSED CUP

UPPER: 36.5%

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.5%

CONTACT WITH STRONG ACIDS, ALKALIES OR OXIDIZERS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER HAZARDOUS DECOMPOSITION PRODUCTS. HAZARDOUS POLYMERIZATION: WILL NOT OCCUR INDIVIDUAL INGREDIENT HAZARDS ISOPROPYL ALCOHOL: LD50, 4,700 - 5,800 MG/KG - RAT SKIN ABSORPTION. LD50, 13,000 MG/KG - RABBIT. INHALATION: 19,000 PPM - RAT (8 HOURS) **CARCINOGENICITY:** NTP? NO? IARC MONOGRAPHIS? NO OSHA REGULATED? NO NONE CURRENTLY KNOWN. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE RESPIRATORY IRRITATION AND DERMITITIS **NDA** WASTE DISPOSAL METHOD: INCINERATION IS PERFERRED. IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. REFER TO SDS CAUTION INFORMATION BEFORE ATEMPTING CLEANUP. DOT PROPER SHIPPING NAME: FLAMMABLE LIQUID PACKING GROUP: II **DOT HAZARD CLASS:** 3 **DOT UN/NA NUMBER: 1210** HAZARD SUBCLASS: N/A EMERGENCY RESPONSE GUIDE NO. 26 THE LISTED TRANSPORTATION INFORMATION APPLIES TO GROUND TRANSPORT IN GALLON OR LARGER QUANTITIES AND MAY NOT APPLY TO VARIATIONS DUE TO CHANGES IN PACKAGE SIZE, MODE OF SHIPMENT, OR OTHER REGULATORY DESCRIPTORS. TOXIC SUBSTANCES CONTROL ACT: ALL OF THE INGREDIENTS ARE LISTED IN THE TSCA INVENTORY. SARA 313: CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SEC. 313, ETC. - DIETHYLENE GLYCOL MONOBUTYL ETHER

DISCLAIMER

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DATE: 01/01/18 **HMIS CODES:** H - 2, F - 3, R - 0, P - 1

LEGEND: NDA – NO DATA AVAILABLE N/D - NOT DETERMINED N/E – NOT ESTABLISHED