

MATERIAL SAFETY DATA SHEET

pg. 1

PRODUCT NAME: MATRIX BLACK
PRODUCT CODE: GM4
PRODUCT USE : PRINTER RIBBONS

HMIS CODES: H F R P
1 1 0 B

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: NER DATA PRODUCTS
ADDRESS: 308 SOUTH DELSEA DRIVE GLASSBORO NJ 08028
EMERGENCY PHONE: (609)881-2510 INFORMATION PHONE: (609)881-2510
DATE REVISED : 01-08-93 NAME OF PREPARER : WALTER PETZOLD
REASON REVISED : UPDATE

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| HAZARDOUS COMPONENTS/WEIGHT PERCENT | OCCUPATIONAL EXPOSURE LIMITS | | | |
|--|------------------------------|-----------|-------|----------------------|
| | OSHA PEL | ACGIH TLY | OTHER | LD50 SPECIES & ROUTE |
| *** NO REPORTABLE QUANTITIES OF INGREDIENTS ARE PRESENT *** | | | | |
| *** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 312 are present. *** | | | | |
| IN CASE OF CHEMICAL EMERGENCY: Call CHEMTREC day or night for assistance and information concerning spilled material, fire, exposure, and other chemical accidents. *** 1-800-424-9300 *** | | | | |

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: > 400 DEG F **SPECIFIC GRAVITY (H2O=1):** 1.0
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN n-BUTYL ACETATE
SOLUBILITY IN WATER: Not Soluble.
APPEARANCE AND ODOR: LIQUID, OILY
FREEZING POINT: <32 F (0 DEG C) **pH:** N/APP
COEFFICIENT OF WATER/OIL DIST: N/AVAIL **ODOR THRESHOLD:** N/AVAIL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 360 F **METHOD USED:** COC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NO DATA UPPER: NO DATA
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat - Keep away from areas exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers closed tightly and store in a cool place when not in use. If soaked rags are not placed in containers half-filled with water, this material could cause spontaneous combustion.

FLAMMABILITY - T.D.G.R. CLASS

LOWE
SENSITIVITY TO IMPACT
VERY LOW
SENSITIVITY TO STATIC DISCHARGE
VERY LOW

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID

avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and fire.

INCOMPATIBILITY (MATERIALS TO AVOID)

strong acids or alkalis. Long term contact with water.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

thermal decomposition may yield carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

No Hazardous Polymerization will occur.

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SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
NONE EXPECTED DURING NORMAL USE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Irritant. Wash affected area with soapy water immediately. Flush eyes with large amount of water for at least 5 minutes. Remove contaminated clothing.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
CAN CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
CAN CAUSE DIARRHEA IF SIGNIFICANT QUANTITIES ARE INGESTED.

HEALTH HAZARDS (ACUTE AND CHRONIC)
Eye or skin contact may cause irritation. Eye Exposure: Flush with plenty of water for 10 minutes.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
CONTAINS NO MATERIALS KNOWN TO BE CARCINOGENIC. AMES TEST NEGATIVE.

TERATOGENICITY
NO DATA AVAILABLE, NONE EXPECTED

MUTAGENICITY
AMES TEST NEGATIVE

TOXICOLOGICALLY SYNERGISTIC PRODUCTS
NO DATA AVAILABLE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Prolonged or repeated contact may cause dermatitis.

EMERGENCY AND FIRST AID PROCEDURES
Eye exposure: Flush with plenty of water for 5-10 minutes. Remove soaked clothing and wash skin with soap and water. If swallowed, do not induce vomiting. Call physician immediately.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb spilled material with absorbents, such as sand, dust, clays, etc. Flush spill area with soap & water. Soaked rags or paper and other absorbents could cause spontaneous combustion if not placed in containers with water.

WASTE DISPOSAL METHOD

Dispose of all wastes, including absorbents used to clean up spills into 55-GAL metal containers and dispose in approved dumpsite in accordance with prescribed federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near open flame or sources of ignition. Do not store in high temperature storage. In case of fire, remove closed containers from areas exposed to the fire.

OTHER PRECAUTIONS

Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

NONE IS REQUIRED IF ADEQUATE GENERAL VENTILATION IS PROVIDED.

VENTILATION

Be sure to provide adequate general ventilation.

PROTECTIVE GLOVES

NEOPRENE, BUNA N, OR POLYETHYLENE. TO PREVENT PROLONGED CONTACT.

EYE PROTECTION

Chemical splash goggles should be worn during application of this product, IF SPLASHES ARE POSSIBLE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use gloves and goggles to protect against accidental splashing of liquids onto skin and in eyes.

WORK/HYGIENIC PRACTICES

Standard hygienic practices must be observed when handling all chemicals.

SECTION IX - DISCLAIMER

DISCLAIMER

Data given in this MSDS is given in good faith and is accurate to the best of our knowledge. However, no warranty, expressed or implied is given.

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