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MSDS For **IMPACT ENDORSER PURPLE**

SOLUBILITY IN WATER: None

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Section III - Physical/Chemical Characteristics (continued)
-----SPECIFIC GRAVITY (H₂O=1): .96 - 1.4

MELTING POINT: N/A

EVAPORATION RATE (Butyl Acetate=1): None

APPEARANCE AND ODOR: Purple ink endorser.

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 752 °F (ASTM D 1929)

FLAMMABLE LIMITS- LEL: None UEL: None

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use self-contained breathing apparatus with a full facepiece operating in a positive pressure mode and the proper protective equipment. Extinguishers for other burning materials in the area is normally sufficient to stop burning of ribbons.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Very sooty opaque smoke. Products of combustion are primarily carbon monoxide and carbon dioxide.

Section V - Reactivity Data

STABILITY- UNSTABLE:

STABLE: X

CONDITIONS TO AVOID: Extreme heat

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon and nitrogen

HAZARDOUS POLYMERIZATION- MAY OCCUR:

WILL NOT OCCUR: X

CONDITIONS TO AVOID: None

Section VI - Health Hazard Data

ROUTE(S) OF ENTRY: INHALATION? No SKIN? Yes INGESTION? Unlikely

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Section VI - Health Hazard Data (continued)

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute - Essentially non-irritating to skin. Ink may cause eye irritation.

Chronic - not known

May contain trace amount of Michler's Ketone which the national toxicology program (NTP) concluded was carcinogenic to rats and mice in lifetime feeding studies.

Quantities are below the .1% requirement for listing as a hazardous material.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

SIGNS AND SYMPTOMS OF EXPOSURE: See health hazards above

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

EMERGENCY AND FIRST AID PROCEDURES: Flush eyes for at least 15 minutes, get medical attention. For prolonged skin contact, wash the affected areas thoroughly with soap and water. Remove and launder contaminated clothing before reuse. If swallowed, DO NOT induce vomiting. Get medical attention. Remove to fresh air.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Pick up to prevent a slip hazard, wipe up any ink stains.

WASTE DISPOSAL METHOD: Normal solid waste disposal (trash).

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Wear gloves to prevent staining.

OTHER PRECAUTIONS: None

Section VIII - Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE): None

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Section VIII - Control Measures (continued)

VENTILATION: Adequate ventilation should be sufficient

LOCAL EXHAUST: N/A SPECIAL: N/A

MECHANICAL(GENERAL): Sufficient OTHER: N/A

PROTECTIVE GLOVES: To prevent staining

EYE PROTECTION: Not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: Follow normal hygiene practice.

Section IX - Environmental and Regulatory Data

ECOLOGICAL INFORMATION: Recycling is successful at reducing the amount of waste going to the landfills as does incineration. Avoid having the endorser contact water because of the ink's ability to act as a dye.

WORKPLACE CLASSIFICATION: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

EMERGENCY PLANNING & COMMUNITY RIGHT-TO- KNOW (SARA TITLE III)

SECTION 311/312 CATEGORIZATION (40 CFR 370)- This product is not a hazardous chemical within 29 CFR 1910.1200, and therefore is not covered.

SECTION 313 INFORMATION (40 CFR 372)- This product does not contain a chemical which is listed in Section 313 above *de minimis* concentrations.

SPILL RESPONSE REPORTING: The release of this material to the environment is not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (40 CFR 302) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (40 CFR 355).

RCRA INFORMATION: Waste disposal of this material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. However, this material has not been evaluated by the Toxicity Characteristic Leaching Procedures (TCLP).