

MATERIAL SAFETY DATA SHEET

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

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HMIS RATING: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = B
NFPA RATING: HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0

IDENTITY - As used on Label and List

PRINTERS PRIDE NON-CYANIC ELECTROSTATIC ETCH & FOUNTAIN SOLUTION

SECTION I - Contact Information*Manufacturer's Name & Address:*

Burnishine Products
1100 Lakeside Drive
Gurnee, IL 60031-4043

Emergency Telephone Numbers:

Contact Your Regional Poison Control Center
 or 1-800-535-5053 (24 Hours)
 For information call 1-847-263-3500

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Specific Chemical Identity; CAS Number				
*Adipic Acid, #124-04-9	N/A	N/A	N/A	--
Malonic Acid, # 141-82-2	N/A	N/A	N/A	--

VOC: 0.415 lb/gal, 25 gm/liter

DOT: Non-Hazardous

All ingredients in this product are on the TSCA list.

* SARA Title III, Section 313 reportable chemical.

SECTION III - Physical/Chemical Characteristics

Boiling Point: 212F **Specific Gravity (H₂O = 1):** 1.037
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate (Butyl Acetate = 1):** N/D
Solubility in Water: Complete **pH:** 3.8-4.1
Appearance and Odor: Orange liquid with slight odor.

SECTION IV - Fire and Explosion Hazard Data**Flash Point (Method Used):** None**Flammable Limits:** LEL: None UEL: None**Extinguishing Media:** Water fog, foam, carbon dioxide, or dry chemical.**Special Fire Fighting Procedures:** Use NIOSH approved self-contained positive pressure breathing apparatus and protective clothing. Use water spray to cool fire exposed containers.**Unusual Fire and Explosion Hazards:** None**SECTION V - Reactivity Data****Stability:** Stable**Incompatibility (Materials to Avoid):** Strong oxidizing agents.**Hazardous Decomposition or Byproducts:** Oxides of carbon and phosphor.**Hazardous Polymerization:** Will not occur.**Conditions to Avoid:** Excessive heat.**SECTION VI - Health Hazard Data****Route(s) of Entry:****Inhalation:** Yes**Skin:** Yes**Ingestion:** Yes

Health Hazards (Acute and Chronic):

Inhalation: Prolonged exposure to vapors may cause irritation of the respiratory tract.

Eyes: Contact will cause irritation.

Skin: Prolonged or repeated contact may cause irritation.

Ingestion: Swallowing large amounts may cause gastric irritation and abdominal spasms.

Carcinogenicity: NTP: N/A **IARC Monographs:** N/A **OSHA Regulated:** N/A

Signs and Symptoms of Exposure:

Inhalation: Irritation, dizziness, drowsiness, fatigue, nausea, and headache.

Eyes: Irritation, redness, tearing.

Skin: Irritation, itching, redness.

Ingestion: Dizziness, drowsiness, fatigue, nausea, and headache.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, eye, and lung disorders may be aggravated.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

Eyes: Rinse with water for at least 15 minutes. Seek medical attention immediately.

Skin: Wash with water. If irritation persists, seek medical attention.

Ingestion: Rinse mouth with water. Dilute by drinking 1 or 2 glasses of water. Call a physician immediately. Never give anything to an unconscious person.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Take up with absorbent material and place in non-leaking container for proper disposal.

Waste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing: Store in a cool and dry area.

Other Precautions: Keep out of reach of children. Keep container closed when not in use.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type): None

Ventilation: Local Exhaust: Should be sufficient.

Special: None

Mechanical (General): None

Other: None

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Wash hands before eating. If spilled on clothing, change clothes.

Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.