



MATERIAL SAFETY DATA SHEET

SECTION I – Chemical Product and Company Identification

Product Name: 7824T BLACK INK
Product Number: 201-1531
Manufacturer: Xandex, Inc.
1125 N. McDowell Blvd.
Petaluma, CA 94954
USA
Web Site: www.xandex.com
Emergency Telephone: (800) 767-9543, or (707) 763-7799

SECTION II – Composition/Information on Ingredients

<u>COMPONENTS</u>	<u>%</u>	<u>CAS#</u>	<u>RISK STATEMENTS</u>	<u>HAZARD SYMBOLS</u>
Diacetone Alcohol	12	123-42-2	R11-36	Xi, F
2-Phenoxyethanol	47	122-99-6	R22-36	Xn
Nigrosine Dye	4	8005-02-5	R21/22, R40, R48/24/25	T

SECTION III – Hazards Identification

NFPA Rating System:	HMIS II Rating System:*	HMIS III Rating System:
Health: 2	Health: 2	Health: 2
Flammability: 2	Flammability: 2	Flammability: 2
Instability: 0	Reactivity: 0	Physical Hazard: 0
	PPE (protection): B	PPE (protection): B

* HMIS II has been replaced by HMIS III

Carcinogen: NTP - No IARC - No OSHA – No

Effects of Overexposure:

Eyes: Product can cause severe irritation to eyes on contact.
Skin: Product can cause moderate irritation to skin on contact.
Inhalation: Vapor or mist can cause irritation to the nose and throat.
Ingestion: Harmful if swallowed.

Additional Health Hazard Information:

2-Phenoxyethanol: The manufacturer has established an internal industrial hygiene guide of 25 ppm (skin) (8 hour TWA) for exposure.

At doses that increased liver weight in treated F0 mice, 2-Phenoxyethanol produced significant reproductive and developmental toxicity. The substance caused significant toxicity in growing animals as evidenced by the decreased body weight in neonates and the large increase in post-natal lethality as the F1 animals grew to the age of mating.



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Reproductive Assessment by Continuous Breeding: Evolving Study Design and Summaries of Ninety Studies, Robert E. Chapin and Richard A. Sloane.
Environmental Health Perspectives, 105 (Suppl1):199-395 (1997).

SECTION IV – First Aid Measures

Eyes: Flush with water for 15 minutes. Call physician immediately.
Skin: Wash with soap and water. Launder contaminated clothing before reuse.
Inhalation: Remove to fresh air.
Ingestion: If employee is conscious, give two glasses of water. Get medical attention immediately.

SECTION V – Fire Fighting Measures

Extinguishing Media: Dry chemical, CO₂, alcohol foam.
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.
Special Fire fighting Methods: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION VI – Accidental Release Measures

Eliminate all sources of ignition. Wear protective clothing and gloves. Absorb spilled material with vermiculite or floor absorbent.

SECTION VII – Handling and Storage

Storage Temperature: Maximum 25°C (77° F)
Store away from excessive heat (e.g., steampipes, radiators), from sources of ignition and from reactive materials. Avoid contact with skin, eyes, and clothing.

PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THIS PRODUCT.

SECTION VIII – Exposure Controls/Personal Protection

Eye Protection: Safety goggles
Respiratory Protection: For continuous exposure to large quantities, wear respirator (MSHA/NIOSH approved) as required for concentrations of air contaminants encountered.
Skin Protection: Chemical resistant gloves. Avoid repeated or prolonged exposure. Wash thoroughly after handling.
Ventilation Requirements: Sufficient to prevent operator discomfort.

SECTION IX – Physical and Chemical Properties

Flash Point: >69.5° C



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Vapor Pressure:	<1 @ 20 C (mm Hg)
Solubility in Water:	Non-Soluble
Evaporation Rate:	<1 (Butyl Acetate = 1)
Odor:	Alcoholic odor
Appearance:	Opaque black liquid
Vapor Density:	>4 (Air = 1)
Specific Gravity:	1.076 (Water = 1)
Volatile / Non-Volatile (Solids):	83.9% Volatile / 16.1% Non-Volatile

SECTION X – Stability and Reactivity

Stability:	Stable under normal conditions
Conditions to Avoid:	Heat and flame
Hazardous Combustion Products:	CO, CO ₂ , and oxides of nitrogen
Materials to Avoid:	Strong oxidizing agents

SECTION XI – Toxicological Information

Acute Effects:

- Harmful if swallowed
- May be harmful if inhaled or absorbed through skin.
- May cause skin irritation.
- Material may be irritating to mucous membranes and upper respiratory tract.

Toxicity Data, 2-Phenoxyethanol:

- LD50 dermal (rabbit): 5 ml/kg
- LD50 oral (rat): 1260 mg/kg

The chemical, physical, and toxicological properties of this material have not been thoroughly investigated.

SECTION XII – Ecological Information

Data not yet available.

SECTION XIII – Disposal Considerations

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION XIV – Transport Information

DOT & IATA : Not restricted.



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SECTION XV – Regulatory Information

European Information:

X_n: R22

Harmful if swallowed.

X_i: R36/37/38

Irritating to eyes, respiratory system, and skin.

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In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

RCRA Status:

Not a hazardous waste under RCRA (40 CFR 261)

CERCLA Status:

Not listed

TSCA Status:

TSCA Listed

SARA Title III:

This product contains the following toxic chemicals subject to the routine annual "Toxic Chemical Release Notification" under Section 313 (40 CFR 372).

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% By Weight</u>
2-Phenoxyethanol	122-99-6	47%

California Right to Know Act (Prop. 65):

The following is a required statement:

WARNING!!!

This product may contain trace amounts of a chemical known to the state of California to cause cancer.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% By Weight</u>
Aniline	62-53-3	< .1%

SECTION XVI – Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Date of last revision: 3/11.