

## SECTION 1: IDENTIFICATION

**Product Identifier:** Black Matrix INK (T1) – P/N 259880-001

**Product Code(s):** 7660 with Surfactant

**Product Use:** **Printronix P/N** 09004294, 09005591, 09005660, 107675-001/007, 1040990, 1040998, 175220-001, 57P2308, 176530-001, 179499-001, 254082-001, 254139-001, 255048-401/402/402-4GM, 255049-001/002/101/401/402/103, 255050-401/402, 255051-001/002/103/, 255165-001, 255661-101/103/104/401/402, 255670-401/402/403, 256109-104, 256110-104, 256111-404, 256976-403, 256977- 403, 257854-104, 258064-4GC, 259885-104, 259886-104, 259887-104, 259888-104, 259890-404, 259891-404, 259892-404, 259893-404, 260122-001, 260172-001, 260240-001, 260284-103, 260284-403, 260285- 103, 260285-403, 41U1680, 41U1680-PTX, 41U1682-PTX, 45U3891-PTX, 45U3895-PTX, 260340-104, 260310-101, 260311-101

**Chemical Family:** Mixture

**Manufacturer’s name and address:** Printronix LLC.  
7700 Irvine Center Drive, Suite 700  
Irvine, CA 92618, USA

**Information Telephone #:** 1 (714) 368-2813

**24 Hr. Emergency Telephone #:** CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887

## SECTION 2: HAZARDS IDENTIFICATION

<b>Classification:</b>	Skin Corrosion/Irritation	Category 2
	Eye Damage/Irritation	Category 2B
	Germ Cell Mutagenicity	Category 2
	Acute Aquatic Toxicity	Category 1
	Chronic Aquatic Toxicity	Category 1

**Labeling:**

**Symbols:**



**Signal Word:** Warning

<b>Hazard statements:</b>	H315	Causes skin irritation.
	H320	Causes eye irritation.
	H341	Suspected of causing genetic defects.
	H400+410	Very toxic to aquatic life, with long-lasting effects.

**Precautionary Statements:**

**Prevention:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P264 Wash hands/skin thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P273 Avoid release to the environment.

**Response:**

- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- P337+313 If eye irritation persists: get medical advice/attention.
- P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
- P308+311 IF exposed or concerned: Call a Poison Center/doctor.
- P362+364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.

**Storage:**

- P405 Store locked up.

**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards Not Otherwise Classified (HNOC)**

No additional information identified.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS No.	Percent
Solvent Black 7	8005-02-5	10-15 %
Solvent Orange 3	495-54-5	1-5 %
Solvent Violet 8	52080-58-7	1-5 %
Basic Blue 7	2390-60-5	1-5 %
Mineral Oil Base Black	-	15-25 %
Oleic Acid	112-80-1	40-60%

**SECTION 4: FIRST AID MEASURES**

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
- Ingestion:** Get medical advice/attention if you feel unwell.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- Notes to the Physician:** Treat symptomatically. No special treatment needed.

**SECTION 5: FIRE FIGHTING MEASURES**

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide and water fog.
- Unsuitable extinguishing media** None known.
- Fire hazards/conditions of flammability** Not a flammable substance.
- Explosion data** Not sensitive to mechanical impact or static discharge.
- Fire-fighting procedure** Wear protective clothing and respiratory protection (SCBA).
- Hazardous combustion products** Oxides of carbon and nitrogen, irritating fumes, and smoke.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink, or smoke while participating in clean up.
<b>Environmental precautions</b>	Ensure spilled products do not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.
<b>Spill Containment/cleanup</b>	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal.
<b>Special spill response procedures</b>	In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.
<b>Conditions for safe storage</b>	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
<b>Incompatible materials</b>	Strong oxidizing agents; strong reducing agents; acids.
<b>Special packaging materials</b>	Always keep in containers made of the same materials as the supply container.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Component Exposure Limits

Component	CAS No.	Value Type	Control parameters	Basis
No data available	-	-	-	-

<b>Appropriate engineering controls</b>	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
<b>Respiratory protection</b>	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
<b>Skin protection</b>	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
<b>Eye/Face protection</b>	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
<b>Other protective equipment</b>	As needed to prevent eye contact and minimizing skin contact and inhalation.
<b>General hygiene measures</b>	Avoid breathing vapor or mist. Avoid contact with skin, eyes, and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state/Appearance</b>	Black, slightly viscous liquid
<b>Odor</b>	Slight
<b>Odor Threshold</b>	Not available
<b>Specific gravity</b>	Not available
<b>pH</b>	Not available
<b>Initial Boiling point</b>	Not available
<b>Melting/Freezing point</b>	Not available
<b>Coefficient of water/oil distribution</b>	Not available

Vapor pressure (mm Hg @ 20°C/68°F)	
Vapor density (Air = 1)	Not available
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Soluble
% Volatiles (by weight)	Not available
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not applicable
Flashback observed	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive.
<b>Chemical Stability</b>	Stable under the recommended storage and handling conditions prescribed.
<b>Possibility of hazardous reactions</b>	None are known.
<b>Conditions to avoid</b>	Avoid heat and open flame.
<b>Incompatible materials</b>	See Section 7 (Handling and Storage) for further details.
<b>Hazardous decomposition products</b>	None known; refer to hazardous combustion products in Section 5.

## SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

### Routes of Exposure

Ingestion, inhalation, skin contact, eye contact.

### Acute Toxicity

Component	CAS Number	Oral LD <sub>50</sub>	Oral Units	Oral Animal	Dermal LD <sub>50</sub>	Dermal Units	Dermal Animal	Inhalation LD <sub>50</sub>	Inhalation Units
Solvent Black 7	8005-02-5	5200	mg/kg	Rat	-	-	-	-	-
Solvent Orange 3	495-54-5	1650	mg/kg	Rat	-	-	-	-	-
Solvent Violet 8	52080-58-7	1400	mg/kg	Rat	-	-	-	-	-
Basic Blue 7	2390-60-5	-	-	-	-	-	-	-	-
Mineral Oil Base Black	-	-	-	-	-	-	-	-	-
Oleic Acid	112-80-1	74,000	mg/kg	Rat					

### Skin Corrosion/Irritation

Some components of this product are skin irritants

### Serious Eye Damage/Irritation

Some components of this product are eye irritants.

### Sensitization

No data available.

### Germ Cell Mutagenicity

A component of this product is a known mutagen.

### Carcinogenicity

No component of this product is listed as a carcinogen by NTP, IARC, or OSHA

**Reproductive/Developmental Toxicity**

No component of this product is considered to be toxic to reproduction and development.

**Specific Target Organ Toxicity**

Single Exposure      No data available.  
 Repeated Exposure      No data available.

**Aspiration Hazard**

The mixture does not pose an aspiration hazard

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity      No data is available on the mixture itself.**

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
No data available	-	-	-

**Persistence**

No data available on the mixture.

**Bioaccumulative potential**

No data available on the mixture.

**Mobility in Soil**

No data available on the mixture.

**Other Adverse Effects**

Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal Instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue
US EPA Waste Number	There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

**SECTION 14: TRANSPORTATION INFORMATION**

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

**SECTION 15: REGULATORY INFORMATION**

**SARA Sections 302 & 304**

CAS	302	304
N/A	-	-

**SARA Section 311 & 312**

Acute health hazard  
 Chronic health hazard

**SARA Section 313**

The following component is subject to reporting levels established by SARA Title III, Section 313:  
N/A

**CERCLA**

No Reportable Quantities

**TSCA**

All components of this product are either listed or are exempt on the TSCA inventory.  
The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

**CAA – Hazardous Air Pollutants (HAPS)**

Component	CAS #
N/A	

Component Analysis – State								
Component	CAS #	CA	MA	MN	PA	RI	NJ	LA
Solvent Black 7	8005-02-5	N	N	N	N	N	N	N
Solvent Orange 3	495-54-5	N	N	N	N	N	N	N
Solvent Violet 8	52080-58-7	N	N	N	N	N	N	N
Basic Blue 7	2390-60-5	N	N	N	N	N	N	N
Mineral Oil Base Black	-	N	N	N	N	N	N	N

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16: OTHER INFORMATION**

**Revision Information: 22 May 2023**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.