

# Material Safety Data Sheet

# U.S. Department of Labor



May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> Ribbon with High Viscosity INK #B11/B12	<b>Printronix P/N 107675-</b> 001/005/007/008/018/033/301/305/307/308, 11563, 141587-005/006, 141590-007/008, 172293-001, 173760-001, 175006-001/301, 175220-001/301 176422-001, 176530-001, 176550-001, 175566-001, 176565-001, 179006-001/301, 179499-001/301, 250145-001, 252037-001, 253957-001, 254082-001, 254139-001, 255048-101/102/103/104/401/402/403/404, 255049-101/102/103/104, 255050-104/401/402/403/404, 255051-103/104, 255161-001, 255162-001/301, 255163-001, 255164-001, 255165-001, 255166-001, 255542-401, 255661-101/102/103/104, 255670-101/102/103/104/401/402/403/404, 256109-104, 256110-104, 256111-104/404, 256112-104/404, 256247-104, 256248-104, 256249-104, 256257-104, 256260-104, 256261-104. 256449-401, 256557-4GC, 257124-001, 257130-001/002, 41U1680, 41U1682, 44D7762, 45U3891, 45U3895, 45U3900, 45U4817, P5UC30S-V06, P5UC50L-V06, P7UCX90-V06, 09004294, 09005591, 09005592, LGXXR-LR, LGXXR-SR, LA40R-KA
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## Section I

Manufacturer's Name <i>Printronix Inc</i>	Emergency Telephone Number (714) 368-2300
Address 15345 Barranca Parkway  Irvine, CA 92618	Telephone Number for Information (714) 368-2573
	Date Prepared April 12, 2010
	Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<i>The following components are present in the ink</i>				
CAS 1333-86-4; Carbon Black	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>		
CAS 62-53-3; Aniline	2ppm TWA	2ppm TWA		
CAS 8042-47-5; Mineral Oil	5 mg/m <sup>3</sup> mist	5 mg/m <sup>3</sup> mist		
CAS 2390-6—5; Basic Blue 7	NE	NE		
CAS 495-54-5; 1,3-Benzenediamine, 4-(phenylazo)	NE	NE		<2.5%
HAZARD RANKING: 0= Least 1= Slight 2= Moderate 3= High 4= Extreme		HMIS HAZARD CLASS: Health = 1 Flammability = 1 Reactivity = 0 PPE = n/a		

### Section III - Physical/Chemical Characteristics

Boiling Point	>300°F	Specific Gravity (H <sub>2</sub> O = 1)	0.9 – 1.0
Vapor Pressure (mm Hg)	N/A	Melting Point	n/a
Vapor Density (AIR = 1)	Heavier	Evaporation Rate (Butyl Acetate = 1)	Slower
Solubility in Water <i>Insoluble</i>			
Appearance and Odor <i>Finished woven nylon fabric ribbon impregnated with black ink, slightly pungent odor</i>			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) > 200°F (TCC)	Flammable Limits <i>NE</i>	LEL	UEL
Extinguishing Media <i>Use water fog, foam, CO<sub>2</sub>, or dry chemical.</i>			
Special Fire Fighting Procedures <i>Use NIOSH-approved self-contained breathing apparatus if a large quantity of this product is involved in a fire.</i>			
Unusual Fire and Explosion Hazards <i>Keep isolated from heat, sparks and flame.</i>			

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	<i>XX</i>	<i>Keep isolated from heat, sparks and flame.</i>
Incompatibility (Materials to Avoid) <i>Strong oxidizing agents.</i>			
Hazardous Decomposition or Byproducts <i>Thermal decomposition of product may release oxides of carbon and nitrogen.</i>			
Hazardous Polymerization	May Occur		Conditions to Avoid <i>N/A</i>
	Will Not Occur	<i>XX</i>	

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <i>None expected</i>	Skin? <i>May be slightly irritating</i>	Ingestion? <i>Not likely to be a route of entry</i>
Health Hazards ( <i>Acute and Chronic</i> )			
Carcinogenicity:	NTP? <i>No</i>	IARC Monographs? <i>Aniline Group 3</i>	OSHA Regulated? <i>No</i>
Signs and Symptoms of Exposure			
Medical Conditions Generally Aggravated by Exposure <i>Possible transient irritation to eyes; essentially non-irritating to skin.</i>			
Emergency and First Aid Procedures <i>Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist. Eyes: If product contacts eyes flush eyes with water for at least 15 minutes; get medical attention if any conditions persist. Skin: For prolonged skin contact, wash the affected skin areas thoroughly with soap and water. Apply skin cream if irritated. Remove and launder contaminated clothing before reuse. Ingestion: If product is swallowed, get medical attention.</i>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Waste Disposal Method <i>Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.</i>
Precautions to Be taken in Handling and Storing <i>In accordance with good industrial work practice, minimize unnecessary contact, and use moist towelette or wash after handling.</i>
Other Precautions <i>Avoid contamination of food, drink, etc.</i>

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )		
Ventilation	Local Exhaust <i>N/A</i>	Special <i>N/A</i>
	Mechanical ( <i>General</i> ) <i>N/A</i>	Other <i>General ventilation is sufficient</i>
Protective Gloves <i>Recommended for prolonged or repeated contact.</i>	Eye Protection <i>Not required</i>	
Other Protective Clothing or Equipment <i>N/A</i>		

**Work/Hygienic Practices**

*Follow good industrial hygiene practices, which includes preventing eye contact, minimizing skin contact and inhalation.*

**Section IX - Regulatory Information**

**SARA TITLE III**

This product contains the following substances subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
<i>None</i>		

**CALIFORNIA PROPOSITION 65:**

This product contains trace amounts of the following listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>% BY WEIGHT (of the inked fabric)</u>	<u>% BY WEIGHT (of the ink)</u>
<i>Aniline</i>	<i>62-53-3</i>	<i>&lt;0.04%</i>	<i>&lt;0.2%</i>
<i>Carbon Black</i>	<i>1333-86-4</i>	<i>0.5%</i>	<i>2.5%</i>
<i>Michler's Ketone</i>	<i>90-94-8</i>	<i>&lt; 0.00001%</i>	<i>&lt;0.00005%</i>

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*NA = Not Applicable*  
*NE = Not Established*