

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

IDENTITY <i>Ribbon with High Viscosity INK #B11/B12</i>	Printronix P/N 107675- 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 ³	3.5 mg/m ³		
CAS 62-53-3; Aniline	2ppm TWA	2ppm TWA		
CAS 8042-47-5; Mineral Oil	5 mg/m ³ mist	5 mg/m ³ 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 ₂ 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, CO₂, 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><0.04%</i>	<i><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>< 0.00001%</i>	<i><0.00005%</i>

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NA = Not Applicable
NE = Not Established