

Material Safety Data Sheet		Revision Date: July 17, 2007
Product:	Thermal Transfer Ribbon	

1. Chemical Product and Company Identification

PRINTRONIX®		Model 8500
Printronic Part Number:	203485-xxx , 203661-xxx, 750372-xxx and 750373-xxx	
Printronic Nederland BV, Subsidiary of Printronix Inc. Nieuweweg 283, P.O. Box 163 6600 AD Wijchen, The Netherlands Tel. (31) 24 6489489 Fax (31) 24 6489499		Printronic, Inc. P.O Box19559 Irvine, CA 92623-9559 Tel. (714) 368-2300 Fax (714) 368-2600

<p>The hazard diamond shows a red top triangle with '1', a blue left triangle with '0', a yellow right triangle with '0', and a white bottom triangle with '0'. Labels 'Fire', 'Health', 'Reactivity', and 'Specific' are placed around the diamond.</p>	<table border="1"> <tr> <td>Health:</td> <td>0</td> </tr> <tr> <td>Fire:</td> <td>1</td> </tr> <tr> <td>Reactivity:</td> <td>0</td> </tr> <tr> <td>Specific</td> <td></td> </tr> </table>	Health:	0	Fire:	1	Reactivity:	0	Specific	
Health:	0								
Fire:	1								
Reactivity:	0								
Specific									

2. Composition / Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polyester film	25038-59-9	50% - 65%			
Carnauba Wax	8015-86-9	20% - 26%			
Carbon Black	1333-86-4	6% - 12%	3.5	3.5	
Polymeric Resin	Trade Secret	7% - 11%			
Wax	Trade Secret	1% - 3%			

3. Hazards Identification

Emergency Overview	When used under normal conditions and as recommended, the product should not present a health hazard. This product, however, does contain carbon black as a pigment in the ink coating.
Hazardous Components	Carbon Black was classified as an IARC 2B possible human carcinogen in 1996. This classification was made due to results of inhalation testing. Dermal and oral testing did not yield evidence of tumors during these tests. When used under normal and recommended conditions, the carbon black in this application will not be air born and subject to inhalation. This product should therefore present a minimal health risk.

4. First Aid Measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion	If material is swallowed, get immediate medical attention or advice. If choking, remove obstruction from passageway and seek immediate medical attention. DO NOT induce vomiting unless instructed to do so by medical personnel.
Inhalation	As supplied, product is a solid and would not in practice be inhaled. However, inhalation hazards become more acute if exposure to air born powder or dust is caused by excessive cutting or abrading. Cutting and abrading ribbon is rarely performed on thermal printers. If difficulty in breathing or respiratory irritation occurs, move person to fresh air.

Skin Contact	Not skin sensitive if used under normal conditions and as recommended.
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5. Fire Fighting Measures	
Auto-ignition Temperature	No data available.
Extinguishing Media	Use alcohol foam, carbon dioxide, dry chemical powder or water spray when fighting fires involving this material.
Fire Fighting Instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Sensitivity to Mechanical Impact (Y/N)	No.
Sensitivity to Static Discharge	Sensitivity to static discharge is not expected.
6. Accidental Release Measures	
Clean-up Procedure	Safely collect material and place in proper disposal container. Wash walking surface with detergent and water to reduce slipping hazard.
7. Handling and Storage	
Handling	As supplied this product is inert. Protective clothing and breathing apparatus should be utilized if the product is handled during excessive cutting or abrading.
Storage	Store in original container in dry location at temperatures between 5°C (41°F) and 40°C (104°F).
8. Exposure Controls / Personal Protection	
Carbon Black	OSHA TWA PEL = 3.5 mg/cu meter. ACGIH TWA TLV = 3.5 mg/cu meter.
9. Physical and Chemical Properties	
Physical State	Solid film; Wound on rolls
Color/ Appearance	Black
Odor	Paraffinic
Boiling/Cond. Point	Not Applicable
Melting/Freezing Point	235° C (455° F)(PET base film)
Solubility	Negligible in water (20° C)
Percent Volatile	Not Applicable
Vapor Pressure	Not Applicable
10. Stability and Reactivity	
Hazardous Polymerization	Will not occur.
Reactivity	Carbon dioxide, carbon monoxide, organic acids, aldehydes and alcohols are hazardous products that could be produced through thermal decomposition or combustion.
Stability	Stable.
11. Toxicological Information	
Toxicological	No acute or chronic toxicological effects are expected.
12. Ecological Information	
Chemical Fate Information	This product is not biodegradable.
Eco-toxicological Information	Aquatic toxicity is expected to be very low based on negligible water solubility of the film.
13. Disposal Considerations	
Disposal Instructions	As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state and local environmental control regulations.

14. Transport Information

DOT Hazard Class	Not regulated.
DOT Label(s)	None.
DOT Shipping Name	None.
Packing Group	None.
Placards	None.
UN/NA Number	None.

15. Regulatory Information

SARA (311, 312) Hazard Class	None.
SARA (313) Chemicals	None known.
SARA Section 302	None found.
WHIMS Hazard Class	Non-Controlled.

16. Other Information

Additional Information	These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of intended use.
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