


<b>Material Safety Data Sheet</b>		Revision Date: Nov 17, 2009
Product:	Thermal Transfer Ribbon	

### 1. Chemical Product and Company Identification

<b>PRINTRONIX®</b>		<b>Model 8770</b>								
Printronix Part Number:	179390-xxx									
Printronix 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		Printronix, Inc. P.O Box19559 Irvine, CA 92623-9559 Tel. (714) 368-2300 Fax (714) 368-2600								
 <table border="1" data-bbox="727 724 1075 955"> <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:	
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Fire:	1									
Reactivity:	0									
Specific:										

### 2. Hazard Identification

<b>Emergency Overview</b>	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.
<b>Hazardous Components</b>	Carbon Black. (See Section 11).

### 3. Composition / Information on Ingredients

Ingredient	EN Number	CAS Number	Weight %	ACGIH TLV	PEL	STEL Concentration
Synthetic Resin			Trade Secret			65~85%
Carbon Black	215609-9	1333-86-4				17~25%

### 4. First Aid Measures

<b>Eye</b>	In case of contact, immediately flush eyes with plenty of water and get medical attention if irritation persists.
<b>Ingestion</b>	If material is swallowed, get immediate medical attention or advice. Induce vomiting unless instructed not to do so by medical personnel. If choking, remove obstruction from passageway and seek immediate medical attention.
<b>Inhalation</b>	Not applicable. As supplied, product is a solid and would not in practice be inhaled.
<b>Skin</b>	In case of contact, usually special care is not necessary. Wash any residue off of skin with soap and water.

5. Fire Fighting Measures	
<b>Auto-ignition Temperature</b>	No data available.
<b>Extinguishing Media</b>	Use carbon dioxide (CO <sub>2</sub> ), water, dry chemicals or foam when fighting fires involving this material.
<b>Fire Fighting Instructions</b>	For large quantities (i.e. truckload or pallet) involved in a fire, firefighters should wear self-contained breathing apparatus and protective clothing. There are no unusual fire or explosion hazards.
<b>Sensitivity to Mechanical Impact (Y/N)</b>	No.
<b>Sensitivity to Static Discharge</b>	Sensitivity to static discharge is not expected.
6. Accidental Release Measures	
<b>Clean-up Procedure</b>	Safely collect material and place in proper disposal container. Wash walking surface with detergent and water to reduce slipping hazard.
7. Handling and Storage	
<b>Handling</b>	Rumpling the product may cause the ink layer to peel off. Sweep material up or vacuum. When sweeping, avoid raising film or dust. Wash any residue off skin with soap and water. Garments should be disposed of or washed after removal of loose film or dust.
<b>Storage</b>	No special precautions for safety reasons.
8. Exposure Controls / Personal Protection	
<b>Personal Protection</b>	Not Applicable
9. Physical and Chemical Properties	
<b>Physical State</b>	Solid film. Wound on rolls
<b>Color/ Appearance</b>	Black
<b>Odor</b>	Not Applicable
<b>Boiling/Cond. Point</b>	Not Applicable
<b>Melting/Freezing Point</b>	Not Applicable
<b>Solubility</b>	Negligible in water
<b>Percent Volatile</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable
10. Stability and Reactivity	
<b>Hazardous Polymerization</b>	None.
<b>Reactivity</b>	Strong acids and strong oxidizing agents should be avoided, as well as, hazardous decomposition products such as carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ) and NO <sub>x</sub> .
<b>Stability</b>	Stable.

11. Toxicological Information	
<b>Acute Toxicity</b>	No information available.
<b>Sub Acute to Chronic Toxicity</b>	No information available.
<b>Primary irritant Effects</b>	On skin: None. On the eye: None.
<b>Further Toxicological Information</b>	In 1996 the International Agency for Research on Cancer (IARC) reevaluated carbon black as a group 2B carcinogen (possible human carcinogen), based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black. The effects were observed only in animals exposed to high concentrations of carbon black levels that induce particle overload of the lung. Studies performed in animals other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, a two-year cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between the toner exposure and tumor development in rats. Epidemiology studies of workers in the carbon black producing industries of North America and Western Europe do not demonstrate an association between carbon black and cancer, even in high exposure occupational settings. In addition, in its reevaluation of carbon black, IARC concluded that "there is inadequate evidence in humans for the carcinogenicity of carbon black". Chronic over exposure to many dusts, including carbon black dust, may result in respiratory tract irritation and slight changes in lung function.
12. Ecological Information	
<b>Chemical Fate Information</b>	No information available.
<b>Eco-toxicological Information</b>	No information available.
13. Disposal Considerations	
<b>Disposal Instructions</b>	Product: Chemicals must be disposed of in compliance with respective national regulations. Packaging: Packaging must be disposed of in compliance with the country specific regulations.
14. Transport Information	
<b>DOT Hazard Class</b>	Not regulated.
<b>DOT Label(s)</b>	None.
<b>DOT Shipping Name</b>	None.
<b>Packing Group</b>	None.
<b>Placards</b>	None.
<b>UN/NA Number</b>	None.
15. Regulatory Information	
<b>SARA (311,312) Hazard Class</b>	None.
<b>SARA (313) Chemicals</b>	None known.
<b>SARA Section 302</b>	None found.
<b>WHIMS Hazard Class</b>	Non-Controlled.
16. Other Information	
<b>Additional Information</b>	This information herein is based on the best of our knowledge and is only related to this specific product. No warranty, either expressed or implied, is made with respect to such information. The recommended handling procedures are believed to be generally applicable. However, it is the user's responsibility to review these recommendations in the specific content of intended use. We reserve the right to revise this SDS as new information becomes available.