

# MSDS Document

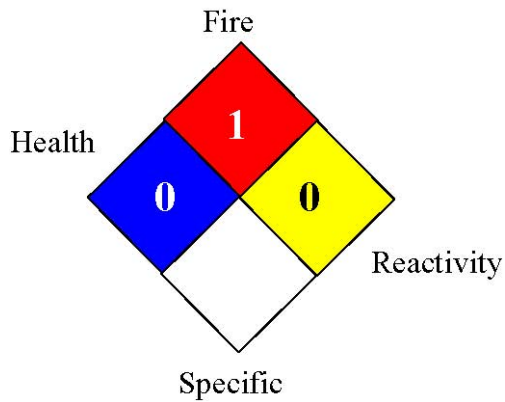
Revision Date 1-25-2017

## 1. Chemical Product and Company Identification

**Product Type: Thermal Transfer Ribbon**

**Product Name: Model 8600**

**Company Information:**  
**Printronix Auto ID Technology, Inc.**  
**3040 Saturn Street, Suite 200**  
**Brea, CA 92821**  
**Tel: (657) 258-0816**  
**Fax: (657) 258-0817**



Health	0
Fire	1
Reactivity	0
Specific	

## 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polyester film	25038-59-9	60% - 70%			
Carnauba Wax	8015-86-9	18% - 24%			
Wax	Trade Secret	5% - 10%			
Carbon Black	1333-86-4	2% - 5%	3.5	3.5	
Polymeric Resin	Trade Secret	2% - 5%			

### **3. Hazard 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 Information**

#### **Eye**

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 airborne powder or dust is caused by excessive cutting or abrading. If difficulty in breathing or respiratory irritation occurs, move person to fresh air.

#### **Skin**

Not skin sensitive if used under normal conditions and as recommended.

### **5. Fire Fighting Measures**

#### **Autoignition Temperature**

No data available

#### **Extinguishing media**

Use alcohol foam, carbon dioxide, dry chemical powder or water spray when fighting fires involving this material.

**Firefighting 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 Page 3 5 Print Rev. Date 06/16/2005 MSDS ID MSDS00175 TRX-55 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 and 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**

<b>Physical State</b>	Solid
<b>Color/Appearance</b>	Black
<b>Odor</b>	Paraffinic
<b>Boiling/Cond. Point</b>	N/A
<b>Melting/Freezing Point</b>	235 C (455 F) (PET base film)
<b>Solubility</b>	Negligible in water (20 C)
<b>Percent Volatile</b>	N/A
<b>Vapor Pressure</b>	N/A

## 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

No acute or chronic toxicological effects are expected.

## 12. Ecological Information

### Chemical Fate Information

This product is not biodegradable.

### Ecotoxicological Information

Aquatic toxicity is expected to be very low based on negligible water solubility of the film.

## 13. Disposal Considerations

As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

## 14. Transportation 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**

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 the intended use.