

## 1. IDENTIFICATION

<b>Product Type:</b>	<b>Thermal Transfer Ribbon</b>
<b>Product Name:</b>	<b>Model 8770 Ultra Durable Resin</b>
<b>Company Information:</b>	<b>Printronix Auto ID Technology, Inc.</b> <b>3040 Saturn Street, Suite 200</b> <b>Brea, CA 92821</b> <b>Tel: (657) 258-0816</b> <b>Fax: (657) 258-0817</b>

## 2. HAZARD IDENTIFICATION

<b>Boiling Point</b>	<b>Not applicable</b>
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	<b>About 1.3</b>
<b>Vapor Pressure (mmHg)</b>	<b>Not applicable</b>
<b>Melting Point</b>	<b>85 degrees C</b>
<b>Vapor Density (AIR = 1)</b>	<b>Not applicable</b>
<b>Evaporation Rate (Butyl Acetate=1)</b>	<b>Negligible</b>
<b>Solubility in water</b>	<b>Negligible</b>
<b>Appearance and Odor</b>	<b>Ink is black solid with slight odor.</b>

**3. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Chemical Identity: Thermal Transfer Ribbon**

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Polyethylene	25038-59-9	68% - 78%			
Carbon Black	1333-86-4	3% - 6%	3.5	3.5	
Acrylic Resin	9011-14-7	9% - 12%			
Synthetic Resin	Trade Secret	10% - 14%			

**4. FIRE AND EXPLOSION HAZARD DATA**

**Flash point (Method Used)**

**About 250 degrees C for ink**

**Flammable Limits**

**Not applicable**

**LEL**

**Not applicable**

**UEL**

**Not applicable**

**Extinguishing Media**

**CO2, Water, Dry Chemicals, Foam**

**Special Fire fighting Procedures**

**For large quantities (i.e. truckload or pallet) involved in a fire, firefighters should wear self-contained breathing apparatus and protective clothing.**

**Unusual Fire and Explosion Hazards**

**None**

## 5. REACTIVITY DATA

Stability	None
Incompatibility (Materials to Avoid)	None
Hazardous Decomposition or Byproducts	CO,CO2,NOX and H2O etc.
May Occur Conditions to Avoid	None
Hazardous Polymerization	None

## 6. HEALTH HAZARD DATA

Inhalation?	No
Skin?	No
Ingestion?	possible but very unusual.
Health Hazards(Acute and Chronic)	The ingredients are not listed in ACGIH('86) and OSHA('89) except carbon black.
NTP?	No
IARC Monographs?	Carbon Black : Group 2B
OSHA Regulated?	No
Signs and Symptoms of Exposure	None
Generally Aggravated by Exposure	None
Emergency and First Aid Procedures	Not applicable

## **7. PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Steps to Be Taken in Case Material is Spilled</b>	<b>Not applicable</b>
<b>Waste Disposal Method</b>	<b>Dispose by the same method of ordinary plastic products in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. If necessary, contact government office and ensure conformity with disposal regulations.</b>
<b>Precautions to Be Taken in Handling and Storing.</b>	<b>No special precautions for safety reason.</b>
<b>Other Precautions</b>	<b>None</b>

## **8. CONTROL MEASURES**

<b>Respiratory Protection (Specify Type)</b>	<b>Not required</b>
<b>Local Exhaust</b>	<b>No</b>
<b>Special</b>	<b>No</b>
<b>Mechanical(General)</b>	<b>No</b>
<b>Other</b>	<b>No</b>
<b>Protective Gloves</b>	<b>Not required</b>
<b>Eye Protection</b>	<b>Not required</b>
<b>Other Protective Clothing or Equipment</b>	<b>None</b>
<b>Work/Hygienic Practices</b>	<b>None</b>