

MSDS Document

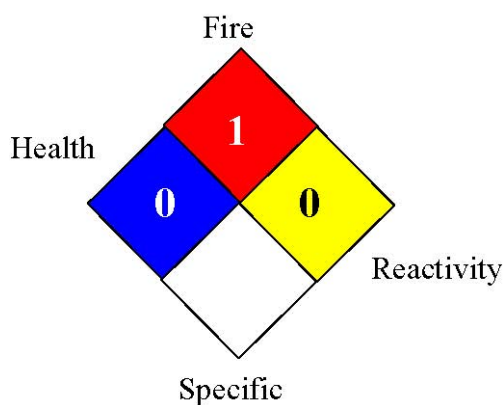
Revision Date 1-25-2017

1. Chemical Product and Company Identification

Product Type: Thermal Transfer Ribbon

Product Name: Model 8500

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	55% - 65%			
Carnauba Wax	8015-86-9	22% - 27%			
Carbon Black	1333-86-4	7% - 12%	3.5	3.5	
Polymeric Resin	Trade Secret	6% - 11%			
Wax	Trade Secret	1% - 3%			

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 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

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

This data is 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.