

# MATERIAL SAFETY DATA SHEET

DATE LAST REVISED: 6/6/2003

## I. General Information

<b>Chemical Name &amp; Synonyms</b> None	<b>Trade Name &amp; Synonyms</b> HP 4300 MICR Toner
<b>Chemical Family</b> Thermoplastic Powder	<b>Formula</b> Proprietary
<b>Proper DOT Shipping Name</b> Toner	<b>DOT Hazard Classification</b> N/A
<b>Manufacturer</b> TROY Systems International Inc.	<b>Manufacturer's Phone Number</b> 1-800-633-2266
<b>Manufacturer's Address</b> Three Bryan Drive Wheeling, WV 26003	<b>Manufacturer's Fax Number</b> 1-304-232-0996

## II. Ingredients

Principal Hazardous Components	CAS No.	Percent	Threshold Limit Values (units)
Resin	9003-55-8	N/A	10mg/m <sup>3</sup> Total Dust
Resin	25153-46-2	N/A	10mg/m <sup>3</sup> Total Dust
Iron Oxide	1317-61-9	N/A	5mg/m <sup>3</sup> Total Dust
Wax	9010-79-1	N/A	10mg/m <sup>3</sup> Total Dust
CCA	84179-66-8	N/A	5mg/m <sup>3</sup> Total Dust
The specific chemical identities and amounts are proprietary.			

## III. Physical Data

<b>Boiling Point (°F)</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> 1.5
<b>Vapor Pressure (mm Hg.)</b> N/A	<b>Percent Volatile By Volume (%)</b> N/A
<b>Vapor Density (Air = 1)</b> N/A	<b>Evaporation Rate (_____ = 1)</b> N/A
<b>Solubility in Water</b> Insoluble	<b>pH</b> N/A
<b>Appearance &amp; Odor</b> Black powder, slight odor.	

## IV. Fire & Explosion Hazard Data

<b>Flash Point (Test Method)</b> N/A	<b>Auto Ignition Temperature</b>	
<b>Flammable Limits</b> N/A	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> Dry chemical, water, foam, or carbon dioxide.		
<b>Special Fire Fighting Procedures</b> Avoid inhaling smoke. Wear protective clothing and self-contained breathing apparatus.		
<b>Unusual Fire and Explosion Hazards</b> None under normal use and conditions.		

## V. Health Hazard Data

<b>OSHA Permissible Exposure Limit</b> 10mg/m <sup>3</sup>	<b>ACGIH Threshold Limit Value</b> 10mg/m <sup>3</sup>
<b>Carcinogen - NTP Program</b> None listed.	<b>Carcinogen - IARC Program</b> None listed.
<b>Symptoms of Exposure</b> None under normal use. Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.	
<b>Medical Conditions Aggravated By Exposure</b> None when used as instructed.	
<b>Primary Route(s) of Entry</b> Inhalation	
<b>Emergency First Aid</b> Contact with skin; wash with soap and water. For eyes; flush with water or use eye drops. If unsuccessful, seek medical attention.	

## VI. Reactivity Data

<b>Stability</b> Stable	<b>Conditions To Avoid</b> None
<b>Incompatibility</b> None known.	<b>Materials To Avoid</b> None known.
<b>Hazardous Polymerization</b> Will not occur.	<b>Conditions To Avoid</b> None
<b>Hazardous Decomposition Products</b> Combustion products may be toxic. Avoid breathing smoke.	

## VII. Environmental Protection Procedures

<b>Spill Response</b> Sweep or use vacuum cleaner. Motor in the vacuum must be rated dust tight and a conductive hose should be used to avoid static.
<b>Waste Disposal Method</b> Land fill in accordance with federal, state, and local regulations. Incinerate only in a closed container.

## VIII. Special Protection Information

<b>Eye Protection</b> None, when used as intended.	<b>Skin Protection</b> None, when used as intended.
<b>Respiratory Protection (Specific Type)</b> None, when used as intended.	<b>Ventilation Recommended</b> Adequate ventilation
<b>Other Protection</b> When used in bulk toner processing facilities, goggles and respirators may be required.	

## IX. Special Precautions

<b>Hygienic Practices In Handling &amp; Storage</b> Keep containers closed. Wash hands after handling material before eating or smoking.
<b>Precautions For Repair &amp; Maintenance Of Contaminated Equipment</b> Clean often to avoid large amounts of dust.
<b>Other Precautions</b> Avoid storage in excessive heat or humidity.