

MATERIAL SAFETY DATA SHEET

DATE LAST REVISED: 3/28/01

I. General Information

Chemical Name & Synonyms None	Trade Name & Synonyms OEM 02 - 81078 - 001 TROY 4100 MICR Toner
Chemical Family Thermoplastic Powder	Formula N/A
Proper DOT Shipping Name Toner Cartridge	DOT Hazard Classification N/A
Manufacturer TROY Systems International Inc.	Manufacturer's Phone Number 1-800-633-2266
Manufacturer's Address Three Bryan Drive Wheeling, WV 26003	Manufacturer's Fax Number 1-304-232-0996

II. Ingredients

Principal Hazardous Components	CAS No.	Percent	Threshold Limit Values (units)
Styrene Acrylate Copolymer	25153-46-2	N/A	10mg/m ³ Total Dust
Hydrocarbon Resin	N/A	N/A	10mg/m ³ Total Dust
Iron Oxide	1317-61-9	N/A	Not Established
Polypropylene Wax	9003-07-0	N/A	10mg/m ³ Total Dust
Charge Control Dye	N/A	N/A	5mg/m ³ Total Dust
The specific chemical identities and amounts are proprietary.			

III. Physical Data

Boiling Point (°F) N/A	Specific Gravity (H ₂ O = 1) 1.35
Vapor Pressure (mm Hg.) N/A	Percent Volatile By Volume (%) N/A
Vapor Density (Air = 1) N/A	Evaporation Rate (_____ = 1) N/A
Solubility in Water Insoluble	pH N/A
Appearance & Odor Black powder, slight odor.	

IV. Fire & Explosion Hazard Data

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

V. Health Hazard Data

OSHA Permissible Exposure Limit

10mg/m³

ACGIH Threshold Limit Value

10mg/m³

Carcinogen - NTP Program

None listed.

Carcinogen - IARC Program

None listed.

Symptoms of Exposure

None under normal use. Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.

Medical Conditions Aggravated By Exposure

None when used as instructed.

Primary Route(s) of Entry

Inhalation

Emergency First Aid

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

Stability

Stable

Conditions To Avoid

None

Incompatibility

None known.

Materials To Avoid

None known.

Hazardous Polymerization

Will not occur.

Conditions To Avoid

None

Hazardous Decomposition Products

Combustion products may be toxic. Avoid breathing smoke.

VII. Environmental Protection Procedures

Spill Response

Sweep or use vacuum cleaner. Motor in the vacuum must be rated dust tight and a conductive hose should be used to avoid static.

Waste Disposal Method

Land fill in accordance with federal, state, and local regulations. Incinerate only in a closed container.

VIII. Special Protection Information

Eye Protection

None, when used as intended.

Skin Protection

None, when used as intended.

Respiratory Protection (Specific Type)

None, when used as intended.

Ventilation Recommended

Adequate ventilation

Other Protection

None, when used as intended.

IX. Special Precautions

Hygienic Practices in Handling & Storage

Keep cartridge closed. Wash hands after handling material before eating or smoking.

Precautions For Repair & Maintenance Of Contaminated Equipment

Clean often to avoid large amounts of dust.

Other Precautions

Avoid storage in excessive heat or humidity.