MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name: HP 1100 - MICR

Use: Toner for use in the HP LaserJet 1100 Printers

Company Identification:

Static Control Components, Inc.
P.O. BOX 152
Sanford North Carolina 27331

Static Control Components (UK) Limited
Unit 30, Worton Drive
Reading
Berkshire RG2 0TG
United Kingdom

Emergency telephone number: 1-919-770-7984 or 1-919-770-6019 + 44 (0) 765 959 1808

General information telephone number: 1-919-774-3808 + 44 (0) 118 923 8800

Email Address: info@scc-inc.com info@scceurope.co.uk

Revision Date: 5/15/2009

SECTION 2 HAZARDS IDENTIFICATION

Classification: This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, as amended.

Acute health effects

Skin contact: Unlikely to cause skin irritation

Eye contact: May cause slight irritation

Inhalation: Minimal irritation to the respiratory tract if exposed to large amounts of toner dust.

Ingestion: Ingestion is a minor route of entry for intended use. Low acute toxicity.

Potential health effects

Routes of exposure: Skin, eye contact and inhalation.
Ingestion is considered a minor route of entry for this product under normal use.

Chronic health effects Prolonged inhalation of excessive amounts of any dust may cause lung damage.

Carcinogenicity None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Component / Substance	CAS NUMBER	WT %	EU Number	EU Classification
Styrene-Acrylate Copolymer	-	25 - 60		
Iron Oxide	1317-61-9	25 - 60		
Propenoic Acid, Ethylhexyl Ester, Polymer with Ethenyl Benzene	25153-46-2	1 - 5		
Polyolefin Wax	25085-53-4	1 - 5		
Silica, Amorphous, Hydrophobic	67762-90-7	1 - 5	231-545-4	
Charge Control Agent	31714-55-3	< 1		

SECTION 4 FIRST AID MEASURES

First Aid Procedures:

Inhalation: Move person to fresh air immediately. If breathing is difficult, consult a physician.

Eye Contact: In case of contact immediately flush with plenty of low pressure water for at least 15 minutes. Remove contact lenses to ensure thorough flushing. Do not rub eyes.

Skin Contact: Wash affected area thoroughly with soap and water. If irritation persists, consult a physician.

Ingestion: Rinse mouth out with water. Drink one or two glasses of water. If symptoms occur, consult a physician.

Section 5 FIRE FIGHTING MEASURES

Flash point and method: NA

Hazardous combustion products: Carbon monoxide and carbon dioxide.

Extinguishing Media: Water, dry chemical, carbon dioxide or foam.

Special Fire Fighting Procedures: Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.

Fire and Explosion Hazards: Toner is a combustible powder. Like most organic materials in powder form, it can form explosive mixtures when dispersed in air.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedures:

Sweep up or vacuum spilled toner and carefully transfer into sealable waste container. Sweep slowly to minimize generation of dust during clean up. If vacuum is used, the motor must be rated as dust tight. A conductive hose bonded to the machine should be used to reduce static build up (See Section V). Residue can be removed with soap and cold water. Garments may be washed or dry-cleaned, after removal of loose toner.

Environmental precautions:

Do not flush into surface water or sanitary sewer systems. Dispose of waste material in accordance with local, state, and/or federal regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Keep containers closed when not in use. Handle and open containers with care. Use with adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Keep away from sources of heat, sparks, and open flames.

Storage Requirements: Store at room temperature in the original container. Keep the container tightly closed and dry. Do not store with strong oxidizers.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

USA OSHA: TWA / PEL: 15 mg/m^3 (Total Dust), 5 mg/m^3 (Respirable Fraction)

USA ACGIH: TWA / TLV: 10 mg/m^3 (Inhalable Fraction), 3mg/m^3 (Respirable Particulate)

United Kingdom: WEL: 10 mg/m^3 (Inhalable Dust), 3mg/m^3 (Respirable Dust)

Personal Protective Equipment:

Eye / Face Protection: Wear dust resistant safety goggles if there is a danger of eye contact.

Hands / Skin: Wear protective gloves to avoid direct contact.

Respiratory Protection: Wear approved respirator for dust when exposure exceeds permissible limits.

Additional Protective Measurements:

Use in a well ventilated area. Use engineering controls to reduce air contaminants to below permissible limits.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking using the toilet, or applying cosmetics

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:		**Water Solubility:**	Negligible
Appearance and Odor:	Black fine powder, faint odor.	**Other Solubilities:**	Partial soluble in Toluene & Xylene
Odor Threshold:	N/A	**Boiling Point:**	N/A
Vapor Pressure:	N/A	**Melting Point:**	N/A
Vapor Density (Air=1):	N/A	**Softening Point:**	~100^{o}C
Relative Density:	N/A	**Evaporation Rate:**	N/A
Specific Gravity:	1.5	**Auto-ignition Temp.:**	N/A
pH:	N/A	**Flammability Limits:**	
Flash Point:	N/A	**UEL**	N/A
Flammability:	N/A	**LEL**	N/A

SECTION 10 CHEMICAL STABILITY AND REACTIVITY INFORMATION

Stability: Stable under normal storage conditions.

Conditions to avoid: Heat, flames, and other sources of ignition. Keep dust away from ignition sources.

Hazardous Polymerization: Will not polymerize.

Hazardous Decomposition: Carbon monoxide and carbon dioxide.

Incompatible materials: Strong oxidizers.

SECTION 11 TOXICOLOGICAL INFORMATION

Oral Toxicity:

Tests on toners have indicated there is no evidence of acute oral toxicity: Swallowed-LD50 (rat) > 2500mg/kg (i.e. practically non-toxic). U Ewers and D Nowak, Luft 66(2006), No5, 203-210.
Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC.

Inhalation Toxicity:

Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC.

Eye Irritation:

Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.

Sensitization:

Not classified as sensitizer according to EU 67/548/EEC and as amended, and OSHA HCS (US).

Chronic toxicity:

No information available.

Carcinogenicity:

Not a known or suspected carcinogen according to IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).

Mutagenicity:

Not a known or suspected mutagenic.

Reproductive Toxicity:

Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).

SECTION 12 ECOLOGICAL INFORMATION

This product has not been tested for ecological effects.

SECTION 13 DISPOSAL CONSIDERATIONS

General Information:

Dispose of spilled or waste product in accordance with all local, state, and federal regulations.

Disposal methods:

Collect spilled or waste product in tightly sealed containers. Dispose of waste in accordance with all local, state, and federal regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOT Transportation Data (49 CFR 172.101):

	Proper Shipping Name	Hazard Class	ID #	Packing Group	Exceptions may apply
US DOT	Not regulated as hazardous materials (dangerous goods) in transportation				
ICAO/ IATA	Not regulated as hazardous materials (dangerous goods) in transportation				
IMO/IMDG	Not regulated as hazardous materials (dangerous goods) in transportation				

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SECTION 15 REGULATORY INFORMATION

US Federal Regulations:

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard -	No
	Delayed Hazard -	No
	Fire Hazard -	No
	Pressure Hazard -	No
	Reactivity Hazard -	No
Section 302 Extremely hazardous substance		No
Section 311 hazardous chemical		No

State Regulations:

Check your states regulations that may specifically list copy machine toner.

SECTION 16 OTHER INFORMATION

Labeling According to EU Directive 67/548/EEC:

R&S Phrases:	Not Required
Hazard Symbol:	Not Required

Issue Date: 5/15/2009

Revision Number: 1

Revised sections: All Sections

Replaces sheet dated:

NFPA Ratings:

Health:	1
Flammability:	1
Reactivity:	1

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