MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR May be used to comply with Occupational Safety and Health OSHA's Hazard Communication Standard. Administration. 29 CFR 1910.1200. Standard must be (Non- Mandatory Form) consulted for specific requirements. Form Approved OMB No. 1218-0072 IDENTTITY (As Used on Label and List): For Use In: Ricoh Aficio 1022/1027/2022/2027/2032 **Product Type: Toner** 3025/3030/MP2510/MP3010 **SECTION I Emergency Telephone Number** Manufacturer's Name and Address Clover Technologies Group 4200 Columbus St. **Telephone Number for Information** Ottawa, IL 61350 **Date Prepared:** 4/05/2006 Signature of Preparer (Optional): SECTION II - Hazardous Ingredients / Identity Information **Hazardous Components** CAS No. OSHA PEL **ACGIH TLV** Other Limits % (Specific Chemical Identity: Common Name (s)) Recommended Non-Hazardous Components Styrene-acrylate copolymer Trade Secret not listed not listed >78.0 Polypropylene 9010-79-1 not listed not listed < 6.0 Paraffine* 8002-74-2 not listed not listed < 3.0 **Hazardous Components** Carbon black 1333-86-4 3.5 mg/m 3 3.5 mg/m 3 <13.0 *Paraffine is not hazardous except for its flammable properties, but paraffine wax fume is one of hazardous chemicals. Its ACGIH TLV's (TWA) and NIOSH REL's (TWA) are the same value (2mg/m³)**SECTION III - Physical / Chemical Characteristics Boiling Point:** N.A. **Specific Gravity (H20-1):** 1.1 Vapor Pressure (mm Hg): N.A. Melting Point: no data Vapor Density (AIR-1): N.A. **Evaporation Rate (Butyl Acetate=1):** N.A. **Solubility in Water:** Insoluble Appearance and Odor: Fine Black powder and faint odor **SECTION IV** - Fire and Explosion Hazard Data Flash Point (Method Used): Flammable Limits LEL UEL N.A.

Water, dry chemical carbon dioxide

None and non-explosive

None

Extinguishing Media:

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards:

Section V - Reactivity Data						
Stability	Unstable	Unstable Conditions to Avoid				
	Stable	X				
Incompatibility (Materials To Avoid): No specific incompatibility						
Hazardous Decomposition or Byproducts: None						
Hazardous May Occur		Condition		ons to Avoid	s to Avoid	
Polymerization Wil		X	Inhalation			
Section VI - Health Hazard Data						
Route (s) of Entry: Inhalation? Yes Skin? No Ingestion? Yes						
Health Hazards (Acute and Chronic): No acute health hazards exist in normal use of						
product.						
Carcigenic: NTP? IARC Monographs? OSHA Regulated						
No Not Available Not Available					ailable	
Sign and Symptons of Exposure: None						
Medical Conditions: None						
Generally Aggravated by exposure						
Emergency and First Aid Procedures contact with skin: Normal washing with soap and						
water.						
In eyes: Flush out with saline solution.						
Inhalation: Remove from exposure to fresh air.						
Ordinary measures of personal hygiene						
Section VII - Precautions for Safe Handling and Use						
Steps to be taken in case material is released or spilled:						
Sweep up and place in a waste disposal container.						
Waste disposal method: Incinerate or bury in a landfill.						
Precautions to be taken in handling and storing: None						
Other precautions: None						
Section VIII - Control Measures						
Respiratory protection (specify type): Wear a respirator to avoid inhalation of powder						
mist.						
Ventilation	Local Exhaust		Preferable	Special	Preferable	
	Mechanical		Preferable	Other	Preferable	
D	(General)			1 1 22		
Protective Gloves: Preferable Eye Protection: Splash proof Goggles						
Other protective clothing or equipment: None						
Work / hygienic practices: Ordinary measures of hygiene should be adequate.						