

# MATERIAL SAFETY DATA SHEET

## Section I

Company Name: Future Graphics, LLC.  
Address: 1175 Aviation Place  
City, State, Zip Code: San Fernando, CA 91340  
Phone for Information: 818 / 837-8100  
**EMERGENCY CONTACT: FUTURE GRAPHICS 818 / 837-8100, 800 / 394-9900**  
Product Code: XP17MICR450  
Description: LB MICR BTL XP17 450g  
Date Revised: 2/26/2004  
Chemical Name: Black Toner  
Chemical Family: Thermoplastic Toner Powder

## HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

### Section II

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV	( Optional ) %
Iron Oxide	12227-89-3		10mg/m3 total dust	N/A
Styrene Acrylic Copolymer	26636-08-8		10mg/m3 total dust	N/A
Charge Control Dye	84179-66-8		5mg/m3 total dust	N/A
Polypropylene Wax	9010-79-1		10mg/m3 total dust	N/A

Does not contain ingredients known to retain hazardous properties according 29 CFR 1910.1200

## PHYSICAL / CHEMICAL CHARACTERISTICS

### Section III

Boiling Point (F): Not Applicable  
Specific Gravity (Water = 1): 1.4  
Vapor Pressure (mm HG): Not Applicable  
Melting Point: > 100 Deg C  
Vapor Density (Air = 1): Not Applicable  
Evaporation Rate (Butyl Acetate =1): Not Applicable  
Solubility in Water: Insoluble  
Appearance & Odor: Fine black powder, slight odor

## FIRE & EXPLOSION HAZARD DATA

### Section IV

Flash Point (Method Used): Not Applicable  
Flammable Limits: Not Applicable  
LEL: Not Applicable  
UEL: Not Applicable  
Extinguishing Media: Water spray or mist, Foam , Dry Chemical, Co2  
Special Fire Fighting Procedures: Avoid inhalation of smoke , Wear MSHA / NIOSH S.C.U.B.A  
Unusual Fire and Explosion Hazards: Toner is a combustible powder. When dispersed in air, it can form explosive mixtures.

## Reactive Data

### Section V

Stability: Unstable: Stable: X  
Conditions to Avoid: No Data  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition or Byproducts: Only after combustion  
Hazardous Polymerization: Will Occur: Will Not Occur: X

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### HEALTH HAZARD DATA

Section VI

Threshold Limits: 10mg/m3  
Routes of Entry:  
Eyes: Possible  
Inhalation: Possible  
Skin: None Known  
Ingestion: Possible  
Health Hazards (Acute or Chronic): None Known  
Carcenogenicity: None listed  
Signs or Symptoms of Exposure: Respiratory irritation in prolonged exposure to excessive dust.  
Medical Conditions Aggravated by Exposure: None Known

### EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** Flush with water.  
**INHALATION:** Remove from exposure.  
**SKIN:** Wash with soap and water.  
**INGESTION:** Dilute stomach contents with several glasses of water.

### PRECAUTIONS FOR SAFE HANDLING AND USE

Section VII

Steps to be Taken in Case Material is Released: Loose toner can be removed by using vacuum cleaner or broom.  
Residue can be removed with soap and water.  
Waste Disposal Method: Do not incinerate. Dispose of in accordance with federal, state,  
and local regulations.  
Precautions to be Taken in Handling or Storage: Eye protection and respirators may be required for bulk handling.  
Avoid storing next to strong oxidizers.  
Other Precautions: Avoid excessive exposure to to heat

### CONTROL MEASURES

Section VIII

Respiratory Protection: Follow Federal and State guide lines for respirator selection and use.  
Ventilation:  
Local: Local exhaust ventilation is preferred for controlling dispersion at source  
Mechanical: No Data  
Special: No Data  
Other: Provide general or local exhaust ventilation to maintain below OSHA PELs  
Protective Gloves: Wear chemically protective gloves,boots,aprons and gauntlets  
Eye Protection: Wear protective eyeglasses or chemical safety goggles  
Other Protective Clothing or Equipment: None required.  
Work / Hygienic Practices: Wash hands with soap and water prior to eating.

### SPECIAL INSTRUCTIONS

This information is believed to be true and accurate. It represents the best information currently available to us. We make no warranty , expressed or implied with regard to such information. We make no liability resulting from its use. Users should make their own investigations to determine the suitability for their particular purposes.