

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: HP4500B10KG
Description: TNR PFB HP4500 BLACK 10KG/22LB
Date Revised: 6/12/2003
Trade Name: Dry Toner
Chemical Name and Synonyms: None

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Section II

Hazardous Components (Chemical Identity : Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	(Optional) %
Styrene-acrylic resin (CAS # 27136-15-8)				40-50%
Magnetite (CAS # 1309-38-2)				40-50%
Dye Trade Secret				<1
Polypropilene (CAS # 9003-07-0)				1-5
Silica (Amorphous) (CAS# 14808-60-7)	80 mg/m3	10 mg/m3		<1

PHYSICAL / CHEMICAL CHARACTERISTICS

Section III

Boiling Point (F): Not Applicable
Specific Gravity (Water = 1): 1.8
Vapor Pressure (mm HG): Not Applicable
Melting Point: 133 Deg C (Softening point)
Vapor Density (Air = 1): Not Applicable
Evaporation Rate (Butyl Acetate =1): Not Applicable
Solubility in Water: Insoluble
Appearance & Odor: Fine black powder with slight mild odor

FIRE & EXPLOSION HAZARD DATA

Section IV

Flash Point (Method Used): Not Applicable
Flammable Limits: Not Applicable
LEL: 70 mg/m3
UEL: Not Applicable
Extinguishing Media: Water Fog, 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 material, like most organic material powder form, is capable of creating a dust explosion

Reactive Data

Section V

Stability: Unstable: Stable: X
Conditions to Avoid: No Data
Incompatibility (Materials to Avoid): Oxidizers
Hazardous Decomposition or Byproducts: Only after combustion

Hazardous Polymerization: Will Occur: Will Not Occur: X

MATERIAL SAFETY DATA SHEET

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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:	HP4500B10KG
Description:	TNR PFB HP4500 BLACK 10KG/22LB
Date Revised:	6/12/2003
Trade Name:	Dry Toner
Chemical Name and Synonyms:	None

HEALTH HAZARD DATA

Section VI

Threshold Limits:	No Data
Routes of Entry:	
Eyes:	Possible
Inhalation:	Possible
Skin:	None Known
Ingestion:	Possible
Health Hazards (Acute or Chronic):	None Known
Carcenogenicity:	None Present
NTP:	NO
IARC Monographs:	NO
OSHA Regulated:	NO
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 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.