

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 GRAPHIC: 818 / 837-8100, 800 / 394-9900
Product Code: INKBC05M40
Description: INK BC05 MAGENTA 17.7 ltr/40lb
Date Revised: 5/27/2004
Product Type: Inkjet Ink; Water Based; Nonflammable
Chemical Name and Synonyms: None
Chemical Family: Water/Glycol/Dye Mix

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Section II

Hazardous Components	OSHA PEL/ACGIH TLV	ACGIH TWA-TLV	(Optional) %	
GLYCOL SOLVENT PYRROLIDONE, 2-	(CAS# FL PROP96) (CAS# 616-45-5)	As a mist only: 10 mg/m3 NA	10 mg/m3 NA	5-15% 5-15%
ISOPROPYL ALCOHOL	(CAS# 67-63-0)	Manufacturer recommends PEL 100 ppm 400 ppm		1-10%

Ingredients not precisely identified are proprietary or non hazardous. Values are not product specifications.

PHYSICAL / CHEMICAL CHARACTERISTICS

Section III

Boiling Point (C): >200F
Specific Gravity (Water = 1): 1-1.1
Vapor Pressure (mm HG): Not Applicable
Vapor Density (Air = 1): >1
Evaporation Rate (Butyl Acetate =1): >1
Solubility in Water: Complete
Appearance & Odor: Magenta color, mild odor

FIRE & EXPLOSION HAZARD DATA

Section IV

Flash Point (Method Used): Not Applicable (Non-flammable water based)
Flammable Limits: Not Applicable
LEL: Not Applicable
UEL: Not Applicable
Extinguishing Media: Not Applicable
Special Fire Fighting Procedures: Not Applicable
Unusual Fire and Explosion Hazards: Not Applicable

Reactive Data

Section V

Stability: Unstable: Stable: X
Conditions to Avoid: None known
Incompatibility (Materials to Avoid): Oxidizing materials and strong acids.
Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen.
Hazardous Polymerization: Will Occur: Will Not Occur: X

MATERIAL SAFETY DATA SHEET

From page1, 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 GRAPHIC: 818 / 837-8100, 800 / 394-9900
Product Code:	INKBC05M40
Description:	INK BC05 MAGENTA 17.7 ltr/40lb
Date Revised:	5/27/2004
Trade Name:	Inkjet Ink; Water Based; Nonflammable
Chemical Name and Synonyms:	None

HEALTH HAZARD DATA

Section VI

Routes of Entry:	Eye/skin:	May cause irritation.
	Inhalation:	None reported or known to exist for the product unless listed here.
	Ingestion:	May cause gastrointestinal irritation, vomiting, nausea and diarrhea. I
Health Hazards (Acute or Chronic):		Moderate eye and skin irritation.
Carcinogenicity:		Product not tested. IARC, NTP, OSHA listed carcinogen components equal to or greater than 0.1% by weight will be listed in Section II and described as carcinogens, if any. NOTE FOR AMINES: Secondary and tertiary amines may react with nitrosating agents to form nitrosamines. Some shown to be carcinogenic in animals.
OSHA Regulated:		Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.
Signs or Symptoms of Exposure:		Irritation to prolonged exposure.
Medical Conditions Aggravated by Exposure:		None Known

EMERGENCY AND FIRST AID PROCEDURES:

EYES:	Flush eyes thoroughly with water. Seek medical attention if irritation persists.
INHALATION:	Remove victim to fresh air.
SKIN:	Wash contaminated areas with soap and water.
INGESTION:	Do NOT induce vomiting. Call doctor and contact local poison control center immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

Section VII

Steps to be Taken in Case Material is Released:	Soak up on paper or other absorbent and scoop into closed containers. Flush area with plenty of water.
Waste Disposal Method:	Dispose of in accordance with federal, state, and local regulations.
Precautions to be Taken in Handling or Storage:	Storage temperature: standard room temperature. Special sensitivity: heat, light, moisture.
Other Precautions:	Keep container closed. Store away from traffic.

CONTROL MEASURES

Section VIII

Respiratory Protection:	None required.
Ventilation:	Local: None required. Mechanical: Acceptable Special: No Data Other: Provide general or local exhaust ventilation to maintain below OSHA PELs.
Protective Gloves:	Rubber
Eye Protection:	Goggles or safety glasses with side shields.
Other Protective Clothing or Equipment:	Impervious clothing where skin contact is unavoidable; eyewash station.
Work / Hygienic Practices:	Avoid contamination of food, drink, etc. No smoking when handling.

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.