



Consumer Information Sheet #1388

A.T.CROSS COMPANY
ONE ALBION ROAD
LINCOLN, RHODE ISLAND 02865
Phone: (401) 335-8376

BALL PEN INK (2)
373X Blue
Chemical Family: Glyether/Resin/Dye
Used in: Ball Point Pen Refills - Blue Ink
Prepared: 2/11/03
Revised:

This is a reproduction of the Ink Manufacturers MSDS for bulk ink. An MSDS for the writing instrument is not required. They are exempt as either "articles", 29 CFR 1910.1200(b)(6)(v), or a "consumer product", 29 CFR 1910.1200(b)(6)(ix). ASTM D-4236 Labeling is also not required for these products.

SECTION I GENERAL INFORMATION

MANUFACTURER NAME: Kimberly-Clark Printing Technology, Inc.

529 West Fourth Avenue
Escondido, CA 92025-4037
Telephone: 760-741-2345
Emergency Phone (CHEMTREC 24 HOUR): 800-424-9300
Date: 5/05/1999 Prepared by Andrew T. Johnson

SECTION II HAZARDOUS INGREDIENTS (Specify components)

Table with 4 columns: CAS-no., Substance, conc. Range %, PEL. Lists ingredients like Ethylene Glycol Phenyl Ether, Solvent Blue 38, Glycol Solvent, etc.

* SARA III Sec. 313

The New Jersey Trade Secret Registration Number of proprietary ingredients is controlled by the Kimberly-Clark Printing Technology product item number. Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

Determined by National Toxicology Program to be carcinogenic to rats and mice in lifetime feeding studies. Listed by CA Prop. 65.

SECTION III PHYS./CHEM. CHARACTERISTICS

Table with 2 columns: Property and Value. Includes Appearance, Boiling Point, Vapor Density, Solubility in Water, Pressurized, and Odor.

Other characteristics:

SECTION IV FIRE AND EXPLOSION HAZARDS

Flashpoint: (*F): > 200 EST. Explosion Limits (Vol%): LEL = ND / UEL = ND

Extinguishing Media: Foam, carbon dioxide or dry chemical

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing

Unusual Fire and Explosion Hazards: NA

List of Hazardous Decomposition Products: oxides of carbon and nitrogen

HMIS Codes: H1, F1, R0, PC

SECTION V STORAGE HAZARDS

Stability: Unstable [] Stable: [X] Conditions to Avoid: None known

Incompatibility (Material to avoid): Strong oxidizers

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization May Occur [] Will Not Occur [X]

Conditions To Avoid: None known

SECTION VI HEALTH HAZARDS

Signs and Symptoms of Overexposure Inhalation: One of the ingredients may cause respiratory sensitization/allergy. Eye: Severe irritation tearing, redness and blurred vision. Skin: Prolonged contact may be irritating. Prolonged or repeated contact may cause sensitization and dermatitis. Ingestion: May cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

Acute Health Hazards: Severe eye irritation; may cause skin irritation and dermatitis.

Chronic Health Hazards: None known or determined for the product.

Note : Aniline Component is absorbed through the skin.

Medical Condition Generally Aggravated: None known or determined for the product.

Chemicals Listed as Carcinogens: Product not tested. IARC, NTP, OSHA listed carcinogen components equal to or greater than 0.1% by weight will be listed in paragraph 2 and described as carcinogens, if any.

Emergency and First Aid Procedures

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	Remove to fresh air.	
Eyes	Flush eyes thoroughly with water. Seek medical attention if irritation persists.	X
Skin	Wash contaminated areas with soap and water.	
Ingestion	Do not induce vomiting. Call a doctor and contact local poison control center immediately.	X

SECTION VII SPECIAL PRECAUTIONS

Special precautions to be Taken in Handling: Storage temperature: Standard room temperature (68 degrees Fahrenheit). Special sensitivity: Heat, light, moisture. Precautions:

Keep container closed. Store away from traffic.

Other Precautions: NA

Steps to be Taken in Case Material is Released or Spilled: Eliminate all sources of ignition. Soak up on paper or other absorbent and scoop into closed containers. Flush area with plenty of water.

Waste Disposal Methods: Waste shall be disposed of in accordance with federal, state, and local environmental control regulations.

Toxicological Information: No information available.

Ecological Information: No information available

Transportation Information: D.O. T. Shipping Name: Not regulated.

Product Regulatory Information:

OSHA: Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.

USA TSCA: This product meets the requirements of the Toxic Substances Control Act. Product contains aniline any amount of which is subject to TSCA Sec. 12(b), Export Notification Requirements. The Environmental Protection Agency requires a one time written notice of destination countries regardless of the quantity or mixture percentage.

International Export/Import: Not determined for every country. Contact Kimberly-Clark Printing Technology for certification if required. Formulas are proprietary, so ingredient lists may only be released to Customs/Health offices designated to control trade secrets.

SARA Title III Section 313 Toxic Chemicals: Product not listed, SARA listed ingredients at or above DeMinimis reporting levels are noted in Paragraph 2, if any.

RCRA : If discarded in its purchased form, this product would not be a federal hazardous waste either by listing or by characteristic. States, however, often have stricter criteria. Users should check with their state regulatory agencies for current hazardous waste criteria. Under RCRA it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OZONE- Depleting Chemicals: No regulated ingredients.

New Jersey Reportable Components:

Ethylene Glycol Phenyl Ether	122-99-6
Synthetic Resin	68441-83-8
Solvent Blue 38	1328-51-4
Propylene Glycol	57-55-6
Glycol Solvent	FL PROP 42
Fatty Acid	FL PROP 187

California Proposition 65 (Carcinogens): Michler's Ketone 90-94-8 <1%

California Proposition 65 (Reproductive Toxins): None listed

SECTION VIII SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: Not necessary unless working in a warm area or using a hot process without adequate ventilation. In these cases, use of an approved respirator for organic vapors and fumes may be necessary.

Ventilation: Mechanical ventilation is acceptable.

Skin and Eye Protection: Rubber gloves. Impervious clothing where skin contact is unavoidable. Goggles or safety glasses with side shields. Eyewash station should be available.

Work/Hygienic Practices: Avoid contamination of food, drink, etc. No smoking when handling chemicals.

Note: All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide, Kimberly-Clark Printing Technology, Inc. makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.

Important:

1. Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate as follows: NA= not applicable, ND = not determined, NN = not necessary.
2. Product type and common name (used on label and list).
3. Part of the mixture that evaporates.