MATERIAL DATA SHEET

10 JUNE, 2005
MSDS ID# BALL PEN INK

PRODUCT NAME: BALL PEN INK

SECTION I SUPPLIER INFORMATION

COMMON NAME: BALL PEN INK
CHEMICAL NAME: N/A
FORMULA: N/A

SUPPLIER NAME: CHANGSHU HEDIAN STATIONERY MANUFACTURING CO., LTD
ADDRESS: MOCHENG, CHANGSHU
CITY, STATE, ZIP: CHANGSHU, CHINA, 215500

*******************EMERGENCY PHONE*******************
MB: 13962501942
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DATE ISSUED: 10-06-05 DATE ENTERED: 10-06-05
DATE REVISED: 10-06-05

SECTION II INGREDIENT INFORMATION

BENZYL ALCOHOL
PEL-OSHA: NOT-ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

******************INGREDIENT HAZARD STATEMENT******************
WARNING: THIS PRODUCT IS IDENTIFIED AS A HAZARDOUS CHEMICAL, DUE TO
THE PRESENCE OF THE INGREDIENT(S) CITED ABOVE.

ALL INGREDIENTS MEET TSCA REQUIREMENTS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 205.4°C
SPECIFIC GRAVITY (H2O-1) 1.150-1.200
MELTING POINT : NOT ESTABLISHED
VAPOR PRESSURE : NOT ESTABLISHED
VAPOR DENSITY : NOT ESTABLISHED
EVAPORATION RATE (BUTYL ACETATE=1) : LESS THAN 1
SOLUBILITY/WATER : NO
***************APPEARANCE AND ODOR***************
BLACK, RED AND BLUE INK ARE ALL PASTE-LIKE

***************ADDITIONAL INFORMATION***************

SECTION IV  FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 100.4°C
AUTO IGNITION : 436°C
LEL : NOT ESTABLISHED
UEL : NOT ESTABLISHED

***************HAZARD CLASSIFICATION***************
FLAMMABLE: 1  HEALTH: 1  REACTIVITY: 0  SPECIAL: 0

***************EXTINGUISHING MEDIA***************
WATER, DRY CHEMICAL, CO₂

***************SPECIAL FIRE FIGHTING PROCEDURES***************
NONE KNOWN

***************UNUSUAL FIRE FIGHTING PROCEDURES***************
NONE UNKNOWN

SECTION V  REACTIVITY DATA

STABILITY: PRODUCT IS STABLE
AVOID : NONE

***************INCOMPATIBILITY (MATERIALS TO AVOID)***************
STRONG OXIDIZING AGENTS

***************HAZARDOUS DISCOMPOSITION OR BY-PRODUCTS***************
NONE KNOWN

POLYMERIZATION: POLYMERIZATION WILL NOT OCCUR
AVOID : NONE

SECTION VI  HEALTH HAZARD DATA
*************** ROUTES OF ENTRY ***************

INHALATION : NO  
SKIN : YES  
INGESTION : YES  
EYES : YES  

*************** ADDITIONAL INFORMATION ***************

CONTACT PERSON: YIN CAIYU GENERAL ENGINEER

*************** CARCINOGENICITY ***************

NTP: NO  
IARC: NO  
OSHA: NO  

*************** ACUTE AND CHRONIC HEALTH HAZARDS ***************

MAY CAUSE SKIN OR EYE IRRITATION, LARGE-AREA CONTACT WITH SKIN MAY BE MILDLY POISONOUS

*************** SIGNS AND SYMPTOMS OF EXPOSURE ***************

INK MAY CAUSE EYE IRRITATION, INK MAY CAUSE SKIN TO STAIN  
INGESTION CAN CAUSE GASTORINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA

*************** MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ***************

NONE UNKNOWN

*************** EMERGENCY AND FIRST AID PROCEDURES ***************

INHALATION: REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION AS NEEDED

EYES: IMMEDIATELY FLUSH WITH WATER CONTINUOUSLY FOR AT LEAST 15 MINUTES, SEEK MEDICAL ATTENTION AS NEEDED

SKIN: WASH WITH SOAP AND WATER, SEEK MEDICAL ATTENTION AS NEEDED FOR HYPERSENSITIVITY

INGESTION: DRINK TWO GLASSES OF WATER AND INDUCE VOMITING  
CALL PHYSICIAN AND SEEK MEDICAL ATTENTION PROMPTLY, TREAT FOR THE PRESENCE OF INGREDIENT(S) CITED IN SECTION II

SECTION VII  
PRECAUTIONS FOR SAFE HANDLING AND USE

DOT CLASSIFICATION: NOT REGULATED BY DOT

*************** STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED ***************

SOAK UP SPILL WITH INERT MATERIALS SUCH AS: VERMICULITE, DRY CLAY ABSORBENT OR CHEMBORB, WIPE UP SMALL SPILLS WITH A CLOTH OR TOWEL,
PREVENT RUN-OFF FROM ENTERING DRAINS, SEWERS OR RIVERS

***************************WASTE DISPOSAL****************************
WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING STATE AND LOCAL ENVIRONMENTAL REGULATIONS

***PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
STORE IN DRY AREA, AVOID SPARKS AND OPEN FLAMES, KEEP CONTAINER CLOSED WHEN NOT IN USE

***************************OTHER PRECAUTIONS*************************
AVOID PROLONGED CONTACT WITH SKIN

SECTION VIII  CONTROL MEASURES

***************************RESPIRATORY PROTECTION***************************
NONE REQUIRED

***************************VENTILATION***************************
LOCAL EXHAUST : AS NEEDED
SPECIAL EXHAUST : NONE
MECHANICAL EXHAUST : NONE

***************************OTHER PROTECTION***************************
GLOVES : CHEMICAL RESISTANT
EYE PROTECTION : CHEMICAL SAFETY GOGGLES

*******************************CLOTHING*******************************
IMPERMEABLE APRON TO PREVENT THE STAINING OF CLOTHES

********************************WORK/HYGIENE PRACTICES************************
ALWAYS WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING, SMOKING OR USING THE RESTROOM

THIS IS THE END OF THE MSDS ID#