

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/

SUPPLIER NAME: CHANGSHU HEDIAN STATIONERY MANUFACTURING CO., LTD

ADDRESS: MOCHENG, CHANGSHU

CITY, STATE, ZIP: CHANGSHU, CHINA, 215500

*****EMERGENCY PHONE*****

MB: 13962501942

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

*****CARCIOGENICITY*****

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
ABSORRENT 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#