



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.:

MSDS DATE: Nov 25, 2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Comfort Grip Retractable Ballpoint Pen-Blue

PRODUCT CODES: UNV15511; UNV15521;OFF82471

MANUFACTURER: WENZHOU AIHAO PEN TRADE CO., LTD

DIVISION: BALL POINT PEN WORKSHOP

ADDRESS: ZHONGXING AVENUE LONGWAN WENZHOU, ZHEJIANG PROVINCE, 325011, P.R.CHINA

EMERGENCY PHONE: 86-21-68622115

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 86-21-68622126

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: BALL POINT PEN INDUSTRY

PREPARED BY:

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

Basic Brilliant Blue B

Methyl Violet 5BN

Cationic Yellow X-8GL

Benzyl alcohol

Ethylene glycol monophenyl ether

Epoxy resin

Alkyd resin

Triethanolamine oleate

Polyvinylpyrrolidone(PVP)

CAS NO.

Victoria Blue B 2580-56-5

C.I. Basic Violet 3 548-62-9

Benzyl alcohol 100-51-6

2-Phenoxyethanol 122-99-6

Non hazardous substances

% WT

6

7

20

22

45

ppm

% VOL

mg/m3

SARA 313 REPORTABLE

It is not regulation object.

It is not regulation object.

It is not regulation object.

It is not regulation object.

It is not regulation object.

OSHA PEL-TWA:

OSHA PEL STEL :

OSHA PEL CEILING:

ACGIH TLV-TWA:

ACGIH TLV STEL:

ACGIH TLV CEILING:

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: None

Harmful by inhalation and if swallowed

Risk of serious damage to eyes
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

ROUTES OF ENTRY: Eye contact, skin contact, inhalation and ingestion.

POTENTIAL HEALTH EFFECTS : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

EYES: None

SKIN: None

INGESTION: None

INHALATION: None

ACUTE HEALTH HAZARDS: Irritating to eyes. Harmful by inhalation and if swallowed

CHRONIC HEALTH HAZARDS: Risk of serious damage to eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

CARCINOGENICITY

OSHA: None

ACGIH: None

NTP: None

IARC: None

OTHER: None

SECTION 3 NOTES: None

SECTION 4: FIRST AID MEASURES

EYES: If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek IMMEDIATE medical attention.

SKIN: Wash affected area with soap and water. If symptoms develop seek medical attention.

INGESTION: Never give anything by mouth if victim is semi-conscious or unconscious. Immediately wash out mouth with water. Seek IMMEDIATE medical attention.

INHALATION: Remove from contaminated area. Apply artificial respiration if not breathing. Give oxygen through a face mask if breathing is difficult. (If antidote is available, take it immediately.) Seek IMMEDIATE medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not available
(% BY VOLUME) LOWER: Not available

FLASH POINT: None

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: None

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: None

FLAMMABILITY: None

REACTIVITY: None

OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: None

FLAMMABILITY: None

REACTIVITY: None

PROTECTION: None

EXTINGUISHING MEDIA: use agent most appropriate to extinguish surrounding fire

SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There is no fire or explosion hazard of this product.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimize skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient ventilation to keep airborne levels below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

VENTILATION : None

RESPIRATORY PROTECTION: RESPIRATORY PROTECTION: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne containers. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision.

EYE PROTECTION: Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

SKIN PROTECTION: Wear gloves of impervious material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: None

EXPOSURE GUIDELINES: Not established.

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid

ODOR: Not available

PHYSICAL STATE: None

pH AS SUPPLIED: 6-8

pH (Other): None

BOILING POINT: None

F:

C:

MELTING POINT: None

F:

C:

FREEZING POINT: None

F:

C:

VAPOR PRESSURE (mmHg): None

@

F:

C:

VAPOR DENSITY (AIR = 1): 1.08 g/cm3

@

F:

C:

SPECIFIC GRAVITY (H2O = 1): None

@

F:

C:

EVAPORATION RATE: None

BASIS (=1): None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: None

PERCENT SOLIDS BY WEIGHT: None

PERCENT VOLATILE: None

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): None

| | |
|----------------|---------|
| WITH WATER: | LBS/GAL |
| WITHOUT WATER: | LBS/GAL |

MOLECULAR WEIGHT: None

VISCOSITY:

@

F:77

C:25

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable under normal conditions of storage and handling.

CONDITIONS TO AVOID (STABILITY): High temperature

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: oxides of carbon

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

Mobility: None

Bioaccumulation: None

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wasters and should be disposed of in accordance with all national and local regulations. Assure conformity with all applicable regulations.

RCRA HAZARD CLASS: None

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol, Benzyl alcohol)

HAZARD CLASS: 6.1

ID NUMBER: 2810

PACKING GROUP: III

LABEL STATEMENT: None

WATER TRANSPORTATION

PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol, Benzyl alcohol)

HAZARD CLASS: 6.1

ID NUMBER: 2810

PACKING GROUP: NA

LABEL STATEMENTS: None

AIR TRANSPORTATION

PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S. (2-Phenoxyethanol, Benzyl alcohol)

HAZARD CLASS: 6.1

ID NUMBER: 2810

PACKING GROUP: III

LABEL STATEMENTS: None

OTHER AGENCIES: None

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

122-99-6 2-Phenoxyethanol
100-51-6 Benzyl alcohol
25054-06-2 polymer with cyclohexanone
147-14-8 Pigment Blue 15:3
548-62-9 C.I. Basic Violet
57-55-6 Propane-1,2-diol
2580-56-5 Victoria Blue B
102-71-6 Triethanolamine

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: None

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