



# 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-Black

PRODUCT CODES: UNV15510; UNV15520; OFF82470//2

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:

| <u>CAS NO.</u>                                                                                     | <u>% WT</u> | <u>% VOL</u> | <u>SARA 313 REPORTABLE</u>   |
|----------------------------------------------------------------------------------------------------|-------------|--------------|------------------------------|
| (Benzyl alcohol) 100-51-6                                                                          | 20          |              | It is not regulation object. |
| (2-Phenoxyethanol) 122-99-6                                                                        | 22          |              | It is not regulation object. |
| (2,2',2''-nitrilotriethanol) 102-71-6                                                              | 1           |              | It is not regulation object. |
| p,p',p''-tris(dimethylamino)<br>tritylium m-[(p-anilinophenyl)azo]<br>benzenesulphonate 65294-17-9 | 25          |              | It is not regulation object. |
| Formaldehyde, polymer with<br>cyclohexanone 25054-06-2                                             | 16          |              | It is not regulation object. |
| Epoxy resins 61788-97-4                                                                            | 10          |              | It is not regulation object. |
| Propane-1,2-diol 57-55-6                                                                           | 6           |              | It is not regulation object. |

ppm

mg/m3

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

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

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CARCINOGENICITY

OSHA: None

ACGIH: None

NTP: None

IARC: None

OTHER: None

SECTION 3 NOTES: None

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SECTION 4: FIRST AID MEASURES

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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

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SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR, UPPER: None  
(% BY VOLUME) LOWER: None

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

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#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**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

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#### **SECTION 7: HANDLING AND STORAGE**

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**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

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#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**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 contaminants. 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

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#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Liquid

ODOR: None

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/m<sup>3</sup>

@

F:

C:

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): None

@

F:

C:

EVAPORATION RATE: None

BASIS (=1): None

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

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SOLUBILITY IN WATER: Not available

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: 6000 mpas

@

F:77

C:25

SECTION 9 NOTES: None

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#### SECTION 10: STABILITY AND REACTIVITY

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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:

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES: None

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: None

Mobility: None.

Bioaccumulation: None

SECTION 12 NOTES: None

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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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

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**SECTION 13: DISPOSAL CONSIDERATIONS (con't)**

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SECTION 13 NOTES: None

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**SECTION 14: TRANSPORT INFORMATION**

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**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: III

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

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

TSCA (TOXIC SUBSTANCE CONTROL ACT):

65294-17-9 p,p',p''-tris(dimethylamino)tritylium m-[(p-anilinophenyl)azo]benzenesulphonate

122-99-6 2-Phenoxyethanol

100-51-6 Benzyl alcohol

25054-06-2 polymer with cyclohexanone

57-55-6 Propane-1,2-diol

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

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**SECTION 16: OTHER INFORMATION**

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OTHER INFORMATION: None

PREPARATION INFORMATION: None

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