



### Section 1: Identification

- Product Identifier: Retractable Fluorescent Bullet Tip Markers in Yellow, Pink, Orange, Blue, Green.
- NSN Numbers: 7520-01-554-8208, 7520-01-554-8209, 7520-01-554-8210, 7520-01-554-8211
- Manufacturer: Dallas Lighthouse for the Blind  
4306 Capitol Avenue  
Dallas, Texas 75204
- For information call: Director of Quality 214-821-2375
- In case of Emergency: Poison Control Center Contact: 800-222-1222
- Recommended use: Office and household use.
- This product is certified by the Arts and Creative Materials Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236 and is labeled with the AP Non-Toxic Seal. Products bearing the AP Approved Product Seal of the Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute Toxicology Advisory Board, to contain no materials in sufficient quantities to be harmful to humans or to cause acute or chronic health problems.

### Section 2: Hazard(s) Identification

- Dot Classification – Not Regulated (U.S.)
- TOG Classification – Not Regulated (Canada)
- ADR/RID Classification – Not Regulated (Europe)
- IMO/IMDG Classification – Not Regulated
- ICAO/IATA Classification – Not Regulated
- NFPA rating (scale 0-4)



Health: 1, Flammability: 0, Reactivity: 0



Irritant

Not hazardous under normal use conditions. May be irritating to the lungs, skin and eyes. Not for use on skin. Do not ingest. Contact with eyes may cause irritation.

### Section 3: Composition/Information on Ingredients

#### Substances

- CAS# 107-21-1 Ethylene Glycol .6%

#### Mixtures

- Mixtures of the substances listed above with nonhazardous additions such as pigments, polymers, additives.

Product conforms to ASTM D -4236. Liquid ink in a polypropylene container, polyester fibrous reservoir, and polyester tip.

These Products are not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard 29 CFR 1910.1200 (b)(6)(ix).

### Section 4: First-Aid Measures

- If eye contact occurs, rinse with tap water for 10-15 minutes. If irritation persists, seek medical care.
- If skin contact irritation occurs, wash with soap and water for 5 minutes. If irritation persists, seek medical care.
- If inhaled, supply fresh air. If irritation persists, seek medical care.
- If swallowed, dilute with water and induce vomiting. Seek medical care.

### Section 5: Fire-Fighting Measures

- Flash Point: 111°C(232°F)
- Auto Ignition: Product is not self-igniting.
- LEL: Not Established
- UEL: Not Established

A finished marker contains a substantially lower percentage by weight of each chemical and has the ink held within an absorbed material so it will be released from the marker only through the writing nib.

### Section 6: Accidental Release Measures

- In case of spillage: wipe up with absorbent material

### Section 7: Handling and Storage

- Do not shake marker.
- Keep cap on marker when not in use.
- Store markers horizontally when not in use
- Waste Disposal: IAW Federal, State and local laws.

### Section 8: Exposure Controls/Personal Protection

- Respiratory Protections: None required under normal use conditions
- Ventilation: None required under normal use conditions
- PPE: (Gloves/glasses/clothing), none required under normal use conditions

### Section 9: Physical and Chemical Properties

- Appearance: Colored liquid according to product specification.
- Upper/lower flammability or explosive limits; N/A
- Odor: Low
- Odor threshold: Not determined

- pH: : 4.5~7.5 (25°C)
- Relative density: : 0.80-0.95
- Melting point/freezing point: : Not Determined
- Solubility: Not miscible or difficult to mix.
- Initial boiling point and boiling range: 100° C (212° F)
- Flash point: 111°C(232°F)
- Evaporation rate: Not determined
- Flammability (solid, gas): N/A
- Vapor pressure: 40-60 mmhg
- Vapor density: 1.04~1.120gm/cm<sup>3</sup>
- Partition coefficient: n-octanol/water: Not determined
- Auto-ignition temperature: Not determined
- Decomposition temperature: Not determined
- Viscosity: 3.0~7.0 cPs (25°C, 60 rpm)

### Section 10: Stability and Reactivity

#### Reactivity

- Chemical incompatibility: None

#### Chemical stability

- Chemical is stable under normal ambient temperature and conditions while in storage and being handled.

#### Other

- Hazard Decomposition or By-Products: None
- Polymerization will not occur.

### Section 11: Toxicological Information

- Chemicals listed as Carcinogens or Potential Carcinogens: None
- National Toxicology Program (NTP): None
- International Agency for Research on Cancer (IARC): None
- OSHA: None

### Section 12: Ecological Information

- No data available at this time.

### Section 13: Disposal Considerations

- IAW Federal, State and local laws.

### Section 14: Transport Information

- No data at this time.

### Section 15: Regulatory Information

- No data at this time.

### Section 16: Other Information

The information contained in this Safety Data Sheet is based upon test data from Orient Chemical Ltd. To the best of our knowledge this information is correct. If further information is needed pertaining to this SDS, please contact Business Ph., +82-31-493-6166-8.

<b>Revision Date</b>	<b>Description</b>
05/12/2015	Initial Release