1. Product and Company Identification

**Material name**: CH828 Series

**Version #**: 01

**Issue date**: 11-Sep-2013

**Product use**: Inkjet printing

**CAS #**: Mixture

**Synonym(s)**: HP Scitex FB260 Yellow Ink

**Company identification**: Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-5020

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 760-710-0048
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

**Emergency overview**: Irritating to eyes, respiratory system and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Potential health effects**

- **Eyes**: Irritating to eyes. Avoid contact with eyes.
- **Skin**: Contact causes skin irritation. Avoid contact with the skin. May cause sensitization by skin contact.
- **Inhalation**: Do not breathe vapour. Inhalation of vapors or mists of the product may be irritating to the respiratory system.
- **Ingestion**: May be harmful if swallowed.
- **Other hazards**: Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

Contains Nickel. May cause cancer.

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neopentyldiglycol propoxylate diacrylate</td>
<td>84170-74-1</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Acrylate Ester</td>
<td>Proprietary</td>
<td>&lt;20</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Propiophenone derivative</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Acrylated Oligoamine Resin</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphine</td>
<td>75980-60-8</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Yellow pigment</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>
### Non-hazardous components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethoxylated Trimethylolpropane Triacrylate</td>
<td>28961-43-5</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Photo Initiator</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Fragrance</td>
<td>Proprietary</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

### 4. First Aid Measures

**General advice**

No information

**First aid procedures**

**Eye contact**

Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

**Skin contact**

Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

**Inhalation**

Move to fresh air. If symptoms persist, get medical attention.

**Ingestion**

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

### 5. Fire Fighting Measures

**Flammable properties**

None known.

**Extinguishing media**

**Suitable extinguishing media**

Dry powder. Carbon dioxide (CO2). Water may be ineffective.

**Unsuitable extinguishing media**

Water.

**Protection of firefighters**

Avoid runoff into storm sewers and ditches which lead to waterways.

**Fire fighting equipment/instructions**

Not available.

### 6. Accidental Release Measures

**Personal precautions**

Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**Environmental precautions**

Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

**Methods for cleaning up**

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Other information**

Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

### 7. Handling and Storage

**Handling**

Avoid contact with skin, eyes and clothing.

**Storage**

Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition.

### 8. Exposure Controls / Personal Protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>U.S. - OSHA Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow pigment (CAS Proprietary)</td>
<td>PEL</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
</tbody>
</table>

**Exposure guidelines**

Exposure limits have not been established for this product.
Personal protective equipment

**Eye / face protection**
Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

**Skin protection**
Wear appropriate chemical resistant gloves.
Wear appropriate chemical resistant clothing.

**Respiratory protection**
Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

9. **Physical & Chemical Properties**

- **Appearance**: Not available.
- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Yellow
- **Odor**: Characteristic.
- **pH**: Not available.
- **Vapor pressure**: Not available.
- **Boiling point**: Not available.
- **Melting point/Freezing point**: Not available.
- **Solubility (water)**: Not available.
- **Specific gravity**: Not available.
- **Flash point**: > 149.00 °F (> 65.00 °C) Closed Cup
- **VOC**: < 95 g/L
- **Other information**: For other VOC regulatory data/information see Section 15.

10. **Chemical Stability & Reactivity Information**

- **Chemical stability**: Stable under normal storage conditions.
- **Conditions to avoid**: Exposure to sunlight.
- **Incompatible materials**: Incompatible with strong bases and oxidizing agents. alkaline metals
- **Hazardous decomposition products**: Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
- **Possibility of hazardous reactions**: Hazardous polymerization can occur with decreased inhibitor content.

11. **Toxicological Information**

- **Carcinogenicity**: No data available.
- **Serious eye damage/eye irritation**: Not available.
- **Further information**: Complete toxicity data are not available for this specific formulation

12. **Ecological Information**

- **Aquatic toxicity**: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Ecotoxicity**: No data available.
- **Persistence and degradability**: Not available.

13. **Disposal Considerations**

- **Disposal instructions**: Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.
14. Transport Information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

RID
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2)) and Chemical Code Number
Not listed.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.

DEA Exempt Chemical Mixtures Code Number
Not regulated.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
No

SARA 311/312 Hazardous chemical
No

Other regulations
Notified according to EU Regulations.

State regulations

US. Massachusetts RTK - Substance List
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not regulated.

16. Other Information

HMIS® ratings
Health: 2
Flammability: 1
Physical hazard: 2
Personal protection: B

NFPA ratings
Health: 2
Flammability: 1
Instability: 2
Material name: CH828 Series

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