1. Product and Company Identification

**Material name**: CP511 Series  
**Version #**: 05  
**Issue date**: 24-Jul-2013  
**Revision date**: 06-Dec-2013  
**Product use**: Inkjet printing  
**CAS #**: Mixture  
**Synonym(s)**: HP Scitex FB221 Cyan 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) 1-760-710-0048  
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.
- **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) phosphine oxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

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

3. Composition / Information on Ingredients

**Hazardous components**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neopentylglycol 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>Blue Pigment</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>
</tbody>
</table>
Non-hazardous components

<table>
<thead>
<tr>
<th>Non-hazardous 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

Protective equipment and precautions for 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

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.
9. Physical & Chemical Properties

**Appearance** Not available.

**Physical state** Liquid.

**Form** Liquid.

**Color** Cyan

**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.

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 information
VOC content (less water, less exempt compounds) = < 95 g/L (U.S. requirement, not for emissions)

Other regulations
All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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

Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
Explanation of abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service
CERCLA: Comprehensive Environmental Response Compensation and Liability Act
CFR: Code of Federal Regulations
COC: Cleveland Open Cup
DOT: Department of Transportation
EPCRA: Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC: International Agency for Research on Cancer
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
RCRA: Resource Conservation and Recovery Act
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act of 1986
STEL: Short-Term Exposure Limit
TCLP: Toxicity Characteristics Leaching Procedure
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act
VOC: Volatile Organic Compounds