1. Product and Company Identification

**Material name**: CN832Series

**Version #**: 02

**Issue date**: 28-Feb-2012

**Revision date**: 09-Dec-2013

**Product use**: Inkjet printing

**Synonym(s)**: HP XP220 Light Cyan Scitex 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. May cause sensitization by skin contact. Toxic 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. May cause sensitization by skin contact. 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**: 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>Isobornyl acrylate</td>
<td>5888-33-5</td>
<td>&lt;40</td>
</tr>
<tr>
<td>Lauryl acrylate</td>
<td>2156-97-0</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Tetrahydrofurfuryl Acrylate</td>
<td>2399-48-6</td>
<td>&lt;10</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Substituted phosphine oxide</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate mixture</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Dipropylene Glycol Diacrylate</td>
<td>57472-68-1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Propiophenone derivative</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.

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.

Environmental precautions
Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Other information
Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container.

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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure Controls / Personal Protection

Exposure guidelines
Exposure limits have not been established for this product.

Engineering controls
Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal protective equipment

General
Avoid contact with the skin and the eyes. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. when making new working solution

9. Physical & Chemical Properties

Appearance
Liquid.

Physical state
Not available.

Form
Liquid.

Color
Light 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.
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
Toxic 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

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN3082</th>
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<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Environmentally Hazardous Substance, Liquid, N.O.S. (Isobornyl acrylate, Lauryl acrylate)</td>
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<tr>
<td>Transport hazard class(es)</td>
<td>9</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
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IMDG

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RID

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<th>Basic shipping requirements:</th>
<th>Environmentally Hazardous Substance, Liquid, N.O.S (Isobornyl acrylate, Lauryl acrylate)</th>
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<td>Proper shipping name</td>
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</table>
15. Regulatory Information

**US federal regulations**

All ingredients are listed or exempt

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 - No  
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) VOC data based on formulation (Organic compounds minus solids)

**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

**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).

**Issue date**
28-Feb-2012

This data sheet contains changes from the previous version in section(s):
- Hazards Identification: Emergency overview
- Hazards Identification: Eyes
- Hazards Identification: Skin
- Hazards Identification: Inhalation
- Hazards Identification: Ingestion
- Hazards Identification: Other hazards
- Composition / Information on Ingredients: Disclosure Overrides
- 5. Fire Fighting Measures: Protective equipment and precautions for firefighters
- Physical & Chemical Properties: Multiple Properties
- 9. Physical & Chemical Properties: Other information
- 14. Transport Information: Material Transportation Information
- 15. Regulatory Information: Other information
- HazReg Data: Pacific Rim
- GHS: Classification

**Manufacturer information**
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) +972 (9) 892-4628
Explanation of abbreviations

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