1. Product and Company Identification

**Material name**: CN842Series

**Version #**: 01

**Issue date**: 06-Sep-2013

**Product use**: Inkjet printing

**Synonym(s)**: HP XP221 Light Black 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) 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

**Potential health effects**

- **Eyes**: Irritating to eyes.
- **Ingestion**: Harmful if swallowed.
- **Chronic effects**: Possible risk of impaired fertility.
- **Other hazards**: Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

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.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-phenoxylethyl Acrylate</td>
<td>48145-04-6</td>
<td>&lt;50</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Difunctional acrylic monomer</td>
<td>84170-74-1</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphine</td>
<td>75980-60-8</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Propiophenone derivative</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>Polyether Acrylate</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Dipentaerythritol pentaacrylate esters</td>
<td>60506-81-2</td>
<td>&lt;7.5</td>
</tr>
</tbody>
</table>

**Composition comments**: Carbon black is present only in a bound form in this preparation.

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

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**
Use in a well ventilated area.
Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

**Personal protective equipment**
- General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse. Keep away from food and drink.

9. Physical & Chemical Properties

**Appearance**
Liquid.

**Physical state**
Liquid.

**Form**
Not available.

**Color**
Black.

**Odor**
Characteristic.

**pH**
Not applicable.

**Vapor pressure**
Not determined.

**Boiling point**
Not determined.

**Melting point/Freezing point**
Not determined.

**Solubility (water)**
Not available.

**Specific gravity**
Not available.

**Flash point**
Not available.
10. Chemical Stability & Reactivity Information

**Chemical stability**
Stable under recommended storage conditions.

**Conditions to avoid**
Exposure to sunlight.

**Incompatible materials**
oxidizing agents alkaline metals strong bases

**Hazardous decomposition products**
Nitrogen oxides (NOx). Carbon monoxide hydrocarbons

**Possibility of hazardous reactions**
Hazardous polymerization can occur with decreased inhibitor content.

11. Toxicological Information

**Carcinogenicity**
Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint.

**Serious eye damage/eye irritation**
Not available.

**Further information**
Complete toxicity data are not available for this specific formulation.

12. Ecological Information

**Ecotoxicity**
Not 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.

**Further information**
Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

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)**

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard - Yes</td>
<td></td>
</tr>
<tr>
<td>Delayed Hazard - Yes</td>
<td></td>
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<tr>
<td>Fire Hazard - No</td>
<td></td>
</tr>
<tr>
<td>Pressure Hazard - No</td>
<td></td>
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<tr>
<td>Reactivity Hazard - No</td>
<td></td>
</tr>
</tbody>
</table>

**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 - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

- **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**
06-Sep-2013

**This data sheet contains changes from the previous version in section(s):**
- Hazards Identification: Other hazards
- Composition / Information on Ingredients: Ingredients
- 5. Fire Fighting Measures: Protective equipment and precautions for firefighters
- 9. Physical & Chemical Properties: Other information
- 14. Transport Information: Further information
- 15. Regulatory Information: Other information

**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>
<th>Full Form</th>
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<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>
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<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>
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<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>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>
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