1. Product and Company Identification

<table>
<thead>
<tr>
<th>Material name</th>
<th>CN902Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version #</td>
<td>03</td>
</tr>
<tr>
<td>Issue date</td>
<td>04-Mar-2013</td>
</tr>
<tr>
<td>Revision date</td>
<td>10-Dec-2013</td>
</tr>
<tr>
<td>Product use</td>
<td>Inkjet printing</td>
</tr>
<tr>
<td>Synonym(s)</td>
<td>HP XP210 Light Black Scitex Ink</td>
</tr>
<tr>
<td>Company identification</td>
<td>Hewlett-Packard Company</td>
</tr>
</tbody>
</table>

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

**Potential health effects**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Irritating to eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause sensitization by skin contact. Irritating to skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>Other hazards</td>
<td>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.</td>
</tr>
</tbody>
</table>

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>10 - 25</td>
</tr>
<tr>
<td>Tridecyl Acrylate</td>
<td>3076-04-8</td>
<td>10 - 25</td>
</tr>
<tr>
<td>Alkyl Acrylate Ester</td>
<td>26570-48-9</td>
<td>2.5 - 5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphine</td>
<td>75980-60-8</td>
<td>2.5 - 5</td>
</tr>
<tr>
<td>Benzophenone Derivative</td>
<td>119-61-9</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>1-Butanone, 2-(dimethylamino)-1- [4-(4-morpholinyl)phenyl]-2- (phenylmethyl)-</td>
<td>119313-12-1</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>multifunctional acrylate</td>
<td>Proprietary</td>
<td>40 - 70</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**General advice**

No information
First aid procedures

**Eye contact**
In case of accidental skin or eye contact, avoid exposure to ultra-violet light. Do not rub eyes. Remove contact lenses, if present and easy to do. 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**
Remove contaminated clothing. Wash affected area with mild soap and water. Do not use solvents to remove product residues from skin. If irritation persists get medical attention.

**Inhalation**
Move to fresh air. Keep victim warm. 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 chemical, foam, carbon dioxide, water fog.

- **Unsuitable extinguishing media**
  - Do not use water jet.

**Protection of firefighters**

- **Specific hazards arising from the chemical**
  - Fire will produce dense black smoke containing hazardous combustion products (see section 10).

- **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**
Remove all sources of ignition. Ensure adequate ventilation. Avoid inhalation of vapors or mists. Wear appropriate personal protective equipment.

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

**Methods for cleaning up**
Clean with detergents. Avoid solvents.

**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**
Use only in well-ventilated areas. Avoid inhalation of dust and contact with skin and eyes. Do not breathe gas/fumes/vapor/spray. Keep container closed. Keep away from heat, sparks and open flame - No smoking. Use non-sparking tools when opening or closing containers.

Use personal protective equipment as required.

Wash hands before eating.

Do not empty into drains.

**Storage**
Keep at temperatures between 5 and 35°C. Store in accordance with local/regional/national/international regulation.

Keep in cool, well-ventilated place away from ignition sources, oxidizing agents, strong alkalis, and strong acids. To maintain product quality, do not store in heat or direct sunlight.

Keep only in original container. Store in a closed container away from incompatible materials. Store in a place accessible by authorized persons only.
8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td>STEL</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td>PEL</td>
<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td>STEL</td>
<td>950 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzophenone (CAS 119-61-9)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
</tr>
</tbody>
</table>

US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td>STEL</td>
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<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

Exposure guidelines

None established.

Engineering controls

Use in a well ventilated area. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal protective equipment

**Eye / face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection**

Use personal protective equipment to minimize exposure to skin and eye. Use impervious gloves.

**Respiratory protection**

A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

**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**

Not available.

**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.
VOC: < 95 g/L
Other information: For other VOC regulatory data/information see Section 15.

10. Chemical Stability & Reactivity Information
Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: No information available
Incompatible materials: Strong acids, alkalies and oxidizing agents. Strong acids and strong alkalis. oxidizing agents
Hazardous decomposition products: Nitrogen oxides (NOx), smoke, Carbon monoxide and carbon dioxide.

11. Toxicological Information
Toxicological data
Components | Species | Test Results
--- | --- | ---
Benzophenone Derivative (CAS 119-61-9) |  |  |
**Acute** |  |  |
*Oral* | Mouse | LD50 2895 mg/kg
| *Other* | Mouse | LD50 727 mg/kg
n-Butyl Acetate (CAS 123-86-4) |  |  |
**Acute** |  |  |
*Inhalation* | Wistar rat | LC50 160 mg/l, 4 Hours
*Oral* | Rat | LD50 14000 mg/kg

Carcinogenicity
IARC Monographs. Overall Evaluation of Carcinogenicity
Benzophenone Derivative (CAS 119-61-9) 2B Possibly carcinogenic to humans.

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.
Ecotoxicological data
Components | Species | Test Results
--- | --- | ---
Benzophenone Derivative (CAS 119-61-9) |  |  |
**Aquatic** |  |  |
Fish | LC50 | Fathead minnow (Pimephales promelas) 9.64 - 12.31 mg/l, 96 hours
n-Butyl Acetate (CAS 123-86-4) |  |  |
**Aquatic** |  |  |
Fish | LC50 | Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours

Ecotoxicity: No data available.
Persistence and degradability: Not available.
Bioaccumulation / Accumulation:

Material name: CN902Series
Version #: 03  Revision date: 10-Dec-2013  Issue date: 04-Mar-2013
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

**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)**
- Benzophenone Derivative (CAS 119-61-9) 0.1 % One-Time Export Notification only.

**CERCLA (Superfund) reportable quantity**
- n-Butyl Acetate: 5000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
- Immediate Hazard - Yes
- 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 - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

**US - New Jersey RTK - Substances: Listed substance**
- n-Butyl Acetate (CAS 123-86-4) Listed.

**US. Massachusetts RTK - Substance List**
- n-Butyl Acetate (CAS 123-86-4) Listed.

**US. Pennsylvania RTK - Hazardous Substances**
- n-Butyl Acetate (CAS 123-86-4) Listed.

**US. Rhode Island RTK**
- n-Butyl Acetate (CAS 123-86-4)
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**
04-Mar-2013

**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>Description</th>
</tr>
</thead>
<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>