1. Product and Company Identification

Material name: CH736 Series
Use of the preparation: Inkjet printing
Version #: 01
Revision date: 15-Jul-2009
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 650-857-1501

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-503-494-7199

HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomerinquiries@hp.com

Date prepared: Jul 15, 2009
MSDS number: 476817

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.

Acute health effects:
- Skin contact: Contact causes skin irritation. Avoid contact with the skin.
- Eye contact: Irritating to eyes. Avoid contact with eyes.
- 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.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Component/substance</th>
<th>CAS number</th>
<th>% by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neopentylglycol Propoxylate Diacrylate</td>
<td>84170-74-1</td>
<td>&lt; 30</td>
</tr>
<tr>
<td>Ethoxylated Trimethylolpropane Triacrylate</td>
<td>28961-43-5</td>
<td>&lt; 25</td>
</tr>
<tr>
<td>Acrylate Ester</td>
<td>Proprietary</td>
<td>&lt; 20</td>
</tr>
<tr>
<td>vinyl caprolactam (VCAP)</td>
<td>Mixture</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>Genacre Resin</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Photo Initiator</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Pigment Blue</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>1,6-Hexanediol Diacrylate</td>
<td>13048-33-4</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Fragrance</td>
<td>Mixture</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

4. First Aid Measures

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.
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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

Flash point and method: > 149 °F (> 65 °C) Closed Cup

Flammable properties: None known.

Extinguishing media: Suitable extinguishing media are dry powder. Carbon dioxide (CO2). Water may be ineffective.

Unsuitable extinguishing media: Water.

Unusual fire and explosion hazard: None known.

Protection of firefighters: Avoid runoff into storm sewers and ditches which lead to waterways.

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.

Respiratory protection: Wear appropriate chemical resistant clothing.

General hygiene considerations: Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

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

Color: Cyan

Odor: Characteristic.

Odor threshold: Not available.

Material name: CH736 SERIES

Creation date: Jan 20, 2009

Version number: 1
### Physical state
Liquid.

### Form
Liquid.

### pH
Not available.

### Melting point
Not available.

### Freezing point
Not available.

### Boiling point
Not available.

### Flash point
> 149 °F (> 65 °C) Closed Cup

### Flammability
Not available.

### Flammability limits in air, upper, % by volume
Not available.

### Flammability limits in air, lower, % by volume
Not available.

### Vapor pressure
Not available.

### Vapor density
Not available.

### Specific gravity
Not available.

### Relative density
Not available.

### Solubility (water)
Not available.

### Partition coefficient (n-octanol/water)
Not available.

### Auto-ignition temperature
Not available.

### Decomposition temperature
Not available.

### VOC
< 95 g/L

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

### 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

#### Toxicological information
Not available.

### 12. Ecological Information

#### Aquatic toxicity
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 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

Department of Transportation (DOT) Requirements
Not regulated as hazardous goods.

IATA
Not regulated as hazardous 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.

US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration
Acrylate Ester (Proprietary) 1.0 % One-Time Export Notification only.

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

<table>
<thead>
<tr>
<th>Section 302 extremely hazardous substance</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 311 hazardous chemical</td>
<td>Yes</td>
</tr>
</tbody>
</table>

International regulations
Notified according to EU Regulations.

16. Other Information

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

NFPA ratings
Health: 2
Flammability: 1
Instability: 2

Issue date
Jul 15 2009 2:31AM

Revision
1

Manufacturer information
HP Scitex
8b Hatzoran Street
New Industrial Area
P.O.Box 8743
Netanya 42505 IL
(Direct) +972 (9) 892-4628

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

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.
**Material Safety Data Sheet**

**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>