1. Product and Company Identification

Material name
CH741 Series

Use of the preparation
Inkjet printing

Version #
01

Revision date
15-Jul-2009

CAS #
Mixture

Synonym(s)
HP Scitex FB221 Light Magenta 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
477328

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

Component/substance | CAS number | % by weight
--- | --- | ---
Neopentylglycol Propoxylate Diacrylate | 84170-74-1 | < 30
Ethoxylated Trimethylolpropane Triacrylate | 28961-43-5 | < 25
Acrylate Ester | Proprietary | < 20
vinyl caprolactam (VCAP) | Mixture | < 20
Propiophenone derivative | Proprietary | < 5
Acrylated Oligoamine Resin | Proprietary | < 2.5
Genacure Resin | Proprietary | < 2.5
Photo Initiator | Proprietary | < 2.5
1,6-Hexanediol Diacrylate | 13048-33-4 | < 1
Fragrance | Mixture | < 1
Pigment Red | Proprietary | < 1

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.
Material Safety Data Sheet

5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point and method</td>
<td>&gt; 149 °F (&gt; 65 °C) Closed Cup</td>
</tr>
<tr>
<td>Flammable properties</td>
<td>None known.</td>
</tr>
<tr>
<td>Extinguishing media</td>
<td>Suitable extinguishing media: Dry powder. Carbon dioxide (CO2). Water may be ineffective.</td>
</tr>
<tr>
<td></td>
<td>Unsuitable extinguishing media: Water.</td>
</tr>
<tr>
<td>Unusual fire and explosion hazard</td>
<td>None known.</td>
</tr>
<tr>
<td>Protection of firefighters</td>
<td>Avoid runoff into storm sewers and ditches which lead to waterways.</td>
</tr>
</tbody>
</table>

6. Accidental Release Measures

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions</td>
<td>Wear appropriate personal protective equipment. Do not touch or walk through spilled material.</td>
</tr>
<tr>
<td>Environmental precautions</td>
<td>Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.</td>
</tr>
<tr>
<td>Methods for cleaning up</td>
<td>Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.</td>
</tr>
<tr>
<td>Other information</td>
<td>Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.</td>
</tr>
</tbody>
</table>

7. Handling and Storage

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handling</td>
<td>Avoid contact with skin, eyes and clothing.</td>
</tr>
<tr>
<td>Storage</td>
<td>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.</td>
</tr>
</tbody>
</table>

8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure guidelines</td>
<td>Exposure limits have not been established for this product.</td>
</tr>
<tr>
<td>Personal protective equipment</td>
<td></td>
</tr>
<tr>
<td>Eye / face protection</td>
<td>Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.</td>
</tr>
<tr>
<td>Skin protection</td>
<td>Wear appropriate chemical resistant gloves.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Wear appropriate chemical resistant clothing.</td>
</tr>
<tr>
<td>Provide adequate ventilation.</td>
<td>In case of insufficient ventilation wear suitable respiratory equipment.</td>
</tr>
<tr>
<td>General hygiene considerations</td>
<td>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.</td>
</tr>
</tbody>
</table>

9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Light Magenta</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
### 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

### Evaporation rate
- Not available.

### 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)
Hazard categories
Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

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 9:08AM

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.
### 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>