1. Product and Company Identification

Material name: CP797Series[A]
Version #: 03
Issue date: 10-Mar-2013
Revision date: 25-Jun-2013
CAS #: Mixture
Synonym(s): FlexiCoat Varnish
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

Emergency overview: Flammable. Prolonged or repeated skin contact may cause drying, cracking, or irritation. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Potential health effects:
- Eyes: Avoid contact with eyes. Contact with eyes may result in irritation. Contact with eyes may result in irritation.
- Skin: Avoid contact with the skin. Contact with skin may result in irritation. Prolonged contact may cause dryness of the skin.
- Inhalation: Avoid breathing vapors or mists of this product. Harmful if inhaled.
- Ingestion: May be harmful if swallowed.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td>108-65-6</td>
<td>&lt;50</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>&lt;15</td>
</tr>
<tr>
<td>2,4-Pentanediene</td>
<td>123-54-6</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Benzotriazole derivative</td>
<td>Mixture</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Amine Light Stabilizer</td>
<td>Mixture</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Cellulose, Acetate Butyrate</td>
<td>Mixture</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>Polyester Polyol</td>
<td>N/A</td>
<td>&lt;40</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. Never give anything by mouth to an unconscious person.

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
Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

Fire fighting equipment/instructions
Move containers from fire area if you can do it without risk.

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
Impervious gloves should be used at all times when handling this product. Avoid contact with skin, eyes and clothing. Task is followed by a period of evaporation, drying or curing. Equipment used for curing must be adequately exhausted.

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

Occupational exposure limits

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Pentanedione (CAS 123-54-6)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<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>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 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>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards 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>
</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></td>
<td>TWA</td>
<td>710 mg/m³</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>Propylene Glycol</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
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</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>TWA</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>710 mg/m³</td>
</tr>
</tbody>
</table>

**Exposure guidelines**

Exposure limits have not been established for this product.

**US. ACGIH Threshold Limit Values**

2,4-Pentanedione (CAS 123-54-6) Can be absorbed through the skin.

**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.
  Wear appropriate chemical resistant clothing.

- **Respiratory protection**
  Full face filter respirator. Provide adequate ventilation. The following actions are recommended:
  Carry out in a vented booth or extracted enclosure.

- **General hygiene considerations**
  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**

- **Appearance**
  Not available.

- **Physical state**
  Liquid.

- **Form**
  Liquid.

- **Color**
  Clear.

- **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.

- **Flash point**
  95.90 °F (35.50 °C) Closed Cup

- **VOC**
  < 950 g/L

- **Other information**
  For other VOC regulatory data/information see Section 15.

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

<table>
<thead>
<tr>
<th>Toxicological data</th>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Pentanedione (CAS 123-54-6)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>790 mg/kg</td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Fischer 344 rat</td>
<td>114 mg/l, 4 Hours</td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>951 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>55 mg/kg</td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>750 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>810 mg/kg</td>
<td></td>
</tr>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Wistar rat</td>
<td>160 mg/l, 4 Hours</td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>14000 mg/kg</td>
<td></td>
</tr>
<tr>
<td><strong>Sensitization</strong></td>
<td></td>
<td></td>
<td>May cause sensitization by skin contact.</td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Further information</strong></td>
<td></td>
<td></td>
<td>Complete toxicity data are not available for this specific formulation</td>
</tr>
</tbody>
</table>

12. Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicological data</th>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Pentanedione (CAS 123-54-6)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia reticulata)</td>
<td>72 - 78 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
<td>58.4 - 76.6 mg/l, 96 hours</td>
</tr>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>17 - 19 mg/l, 96 hours</td>
</tr>
<tr>
<td><strong>Persistence and degradability</strong></td>
<td></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Bioaccumulation / Accumulation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bioaccumulative potential</th>
<th>Components</th>
<th>Octanol/water partition coefficient log Kow</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Pentanedione</td>
<td></td>
<td>0.14</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td></td>
<td>1.78</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Partition coefficient</th>
<th>Components</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Pentanediene</td>
<td></td>
<td>0.14</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td></td>
<td>1.78</td>
</tr>
</tbody>
</table>
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**

- Basic shipping requirements:
  - **UN number**: UN1263
  - **Proper shipping name**: Paint
  - **Hazard class**: 3
  - **Packing group**: III

**IATA**

- **UN number**: UN1263
- **UN proper shipping name**: Paint
- **Transport hazard class(es)**: 3
- **Packing group**: III

**IMDG**

- **UN number**: UN1263
- **UN proper shipping name**: Paint
- **Transport hazard class(es)**: 3
- **Packing group**: III

**RID**

- **Basic shipping requirements**:
  - **Proper shipping name**: Paint
  - **Hazard class**: 3
  - **UN number**: 1263
  - **Packing group**: III
15. Regulatory Information

**US federal regulations**

US TSCA 12(b): Contains Acetyl Acetone (CAS 123-54-6), subject to export notification requirements.

**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)**

2,4-Pentanedione (CAS 123-54-6) 1.0 % 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 - No  
Delayed Hazard - No  
Fire Hazard - Yes  
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) = < 950 g/L (U.S. requirement, not for emissions)

**Other regulations**

The components of this product are reported in the following inventories: United States of America, Australia, China, Korea and Philippines.

**State regulations**

**US - New Jersey RTK - Substances: Listed substance**

2,4-Pentanedione (CAS 123-54-6)  Listed.  
n-Butyl Acetate (CAS 123-86-4)  Listed.

**US. Massachusetts RTK - Substance List**

2,4-Pentanedione (CAS 123-54-6)  
n-Butyl Acetate (CAS 123-86-4)

**US. Pennsylvania RTK - Hazardous Substances**

2,4-Pentanedione (CAS 123-54-6)  Listed.  
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: 3  
Physical hazard: 0
NFPA ratings

Health: 2
Flammability: 3
Instability: 0

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

10-Mar-2013

Manufacturer information

Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) +972 (9) 892-4628

Explanation of abbreviations

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

Material name: CP797Series[B]
Version #: 03
Issue date: 10-Mar-2013
Revision date: 25-Jun-2013
CAS #: Mixture
Synonym(s): FlexiCoat Hardener
Company identification: Hewlett-Packard Company
3000 Hanover Street
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Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Emergency overview: Flammable. Harmful by inhalation. Irritating to respiratory system. May cause sensitization by skin contact. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Potential health effects:

- **Eyes**: Avoid contact with eyes. Causes eye irritation. Contact with eyes may result in irritation.
- **Skin**: Avoid contact with the skin. Contact with skin may result in irritation.
- **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>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td>108-65-6</td>
<td>&lt;60</td>
</tr>
<tr>
<td>Hexamethylene-1,6-diisocyanate Homopolymer</td>
<td>28182-81-2</td>
<td>&lt;50</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>&lt; 7.5</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. Never give anything by mouth to an unconscious person.
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. 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**
- Impervious gloves should be used at all times when handling this product. Task is followed by a period of evaporation, drying or curing. Equipment used for curing must be adequately exhausted.

**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

**Occupational exposure limits**

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<th>Type</th>
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<td></td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

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<th>Type</th>
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<tr>
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<td>STEL</td>
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<td>TWA</td>
<td></td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>710 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. AIHA Workplace Environmental Exposure Level (WEEL) Guides</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A</th>
<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></td>
<td>950 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></td>
<td>TWA</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

**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**
  Full face filter respirator. Provide adequate ventilation. The following actions are recommended: Carry out in a vented booth or extracted enclosure.

- **General hygiene considerations**
  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

- **Appearance**
  Not available.

- **Physical state**
  Liquid.

- **Form**
  Liquid.

- **Color**
  Not available.

- **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.

- **Flash point**
  107.60 °F (42.00 °C) Closed Cup

- **VOC**
  < 1000 g/L

- **Other information**
  For other VOC regulatory data/information see Section 15.

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 data**

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Wistar rat</td>
<td>160 mg/l, 4 Hours</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>14000 mg/kg</td>
</tr>
<tr>
<td><strong>Sensitization</strong></td>
<td></td>
<td>May cause sensitization by skin contact.</td>
</tr>
</tbody>
</table>

Material name: CP797Series[B]

12953    Version #: 03    Revision date: 25-Jun-2013    Issue date: 10-Mar-2013
Serious eye damage/eye irritation
Further information Complete toxicity data are not available for this specific formulation

12. Ecological Information

Aquatic toxicity No information available.
Ecotoxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl Acetate (CAS 123-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability Not available.
Bioaccumulation / Accumulation

Bioaccumulative potential

Octanol/water partition coefficient log Kow
n-Butyl Acetate 1.78

Partition coefficient
n-Butyl Acetate 1.78

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

Basic shipping requirements:
UN number UN1263
Proper shipping name Paint
Hazard class 3
Packing group III

IATA
UN number UN1263
UN proper shipping name Paint
Transport hazard class(es) 3
Packing group III

IMDG
UN number UN1263
UN proper shipping name Paint
Transport hazard class(es) 3
Packing group III

DOT
15. Regulatory Information

**US federal regulations**

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

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**

n-Butyl Acetate: 5000

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

**Hazard categories**

Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - Yes
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) = < 1000 g/L (U.S. requirement, not for emissions)

Other regulations

The components of this product are reported in the following inventories: United States of America, Australia, China, Korea and Philippines.
State regulations

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)

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: 2
Physical hazard: 2
Personal protection:

NFPA ratings
Health: 2
Flammability: 2
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
10-Mar-2013

Manufacturer information
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Palo Alto, California  94304-1112 US
(Direct) +972 (9) 892-4628

Explanation of abbreviations

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