MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name: CN754 Series

Version #: 04

Issue date: 24-Apr-2010

Revision date: 26-Nov-2013

Product use: Inkjet printing

Synonym(s): HP Scitex DR100 Supreme Magenta 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) 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

Skin: Harmful if absorbed through the skin. Prolonged and/or repeated skin contact may result in mild irritation or redness and Contact with skin may result in irritation and Harmful if absorbed through the skin.

Inhalation: Harmful if inhaled. Inhalation may result in respiratory irritation. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

3. Composition / Information on Ingredients

Hazardous components

<table>
<thead>
<tr>
<th>Material name</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate</td>
<td>112-07-2</td>
<td>&lt;60</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td>108-65-6</td>
<td>&lt;30</td>
</tr>
</tbody>
</table>

Non-hazardous components

<table>
<thead>
<tr>
<th>Material name</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylene glycol monobutyl ether acetate</td>
<td>124-17-4</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Red Pigment</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Vinyl chloride-vinyl acetate copolymer</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td>No Data</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>High Molecular Weight Copolymer</td>
<td>Mixture</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

General advice: No information

First aid procedures

Eye contact: In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.
Inhalation
Move to fresh air. If symptoms persist, get medical attention.

Ingestion
If swallowed, seek medical advice immediately and show this container or label.

Notes to physician
Treat symptomatically.

5. Fire Fighting Measures

Flammable properties
None known.

Extinguishing media
Suitable extinguishing media
CO₂, water, dry chemical, or foam

Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire.

Fire fighting equipment/instructions
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions
Ensure adequate ventilation.

Methods for cleaning up
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Other information
Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

Handling
Avoid breathing vapors or mists of this product. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Keep away from heat, sparks and open flame - No smoking. Use only with adequate ventilation. Wash thoroughly after handling.

Storage
Store in accordance with local/regional/national/international regulation. Keep in a well-ventilated place. Keep container closed when not in use.

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>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>20 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>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>33 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 Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

Exposure guidelines
None established.

Engineering controls
Use in a well ventilated area. Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal protective equipment

Eye / face protection
Avoid contact with eyes
Wear safety glasses; chemical goggles (if splashing is possible).
Skin protection
Use personal protective equipment to minimize exposure to skin and eye.
Keep away from food and drink. Wash hands before breaks and at the end of workday.

General hygiene considerations

9. Physical & Chemical Properties
Appearance
Liquid.
Physical state
Not available.
Form
Not available.
Color
Magenta
Odor
Not available.
pH
Not available.
Vapor pressure
Not determined.
Boiling point
Not available.
Melting point/Freezing point
Not available.
Solubility (water)
Not available.
Specific gravity
Not available.
Flash point
172.40 °F (78.00 °C) Setaflash Closed Tester
VOC
< 893 g/L
Other information
For other VOC regulatory data/information see Section 15.

10. Chemical Stability & Reactivity Information
Chemical stability
Stable at normal conditions
Conditions to avoid
No information available
Incompatible materials
Strong oxidizing agents
Strong acids and strong alkalis
Hazardous decomposition products
None known.
Possibility of hazardous reactions
Will not occur.

11. Toxicological Information
Toxicological data
Components Species Test Results
diethylene glycol monobutyl ether acetate (CAS 124-17-4)

ACUTE
Dermal
LD50 Rabbit 5500 mg/kg

Inhalation
LC50 Rat 73.7 mg/l, 4 Hours

Oral
LD50 Guinea pig 2340 mg/kg
Mouse 6500 mg/kg
Rabbit 2260 mg/kg
Rat 6500 mg/kg

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)

ACUTE
Dermal
LD50 Rabbit 1500 mg/kg

Oral
LD50 Rat 2400 mg/kg

Material name: CN754 Series
11595 Version #: 04 Revision date: 26-Nov-2013 Issue date: 24-Apr-2010
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>Mouse</td>
<td>754 mg/kg</td>
</tr>
</tbody>
</table>

**Carcinogenicity**

**ACGIH Carcinogens**

- **2-BUTOXYETHYL ACETATE (EGBEA) (CAS 112-07-2)** A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

- **Vinyl chloride-vinyl acetate copolymer (CAS Proprietary)** 3 Not classifiable as to carcinogenicity to humans.

**Serious eye damage/eye irritation**

- Not available.

**12. Ecological Information**

**Ecotoxicity**

- This product has not been tested for ecological effects.

**Persistence and degradability**

- Not available.

**Bioaccumulation / Accumulation**

**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** NA1993
- **Proper shipping name** Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) - Not regulated in quantities less than 119 gallons
- **Hazard class** Combustible
- **Packing group** III

**IATA**

- Not regulated as dangerous goods.

**IMDG**

- Not regulated as dangerous goods.

**RID**

- Not regulated as dangerous 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.

**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)

Hazard categories
- Immediate Hazard - Yes
- 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) = < 893 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

Other regulations
All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

State regulations
- US - New Jersey RTK - Substances: Listed substance
  Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) Listed.
- 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: 2
- Physical hazard: 1

NFPA ratings
- Health: 2
- Flammability: 2
- Instability: 1

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
24-Apr-2010

This data sheet contains changes from the previous version in section(s):
9. Physical & Chemical Properties: Other information

Manufacturer information
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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>
</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>