1. Product and Company Identification

Identification of the preparation
CD989Series

Product use
Inkjet printing

Version #
04

Revision date
16-Oct-2012

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: hpcustomer.inquiries@hp.com

2. Hazards Identification

Acute health effects
Any potential hazards are presumed to be due to exposure to the components.

Potential health effects

Routes of exposure
Eye contact. Skin contact. Inhalation.

Chronic health effects
Complete toxicity data are not available for this specific formulation

Carcinogenicity
None known.

3. Composition / Information on Ingredients

The components are not hazardous or are below required disclosure limits.

Composition comments
This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

4. First Aid Measures

First aid procedures

Eye contact
Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

Skin contact
Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

Inhalation
Remove to fresh air. If symptoms persist, get medical attention.

Ingestion
If material is ingested, immediately contact a physician or poison control center.

General advice
No additional information

5. Fire Fighting Measures

Flammable properties
Combustible liquid. Many liquids are lighter than water. Vapors may travel to a source of ignition and flash back.

Extinguishing media

Suitable extinguishing media
Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media
high volume water jet

Specific methods
Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary.
6. Accidental Release Measures

**Personal precautions**  
Remove all sources of ignition. Wear appropriate personal protective equipment.

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

**Other information**  
Use spark-proof tools and explosion-proof equipment. Soak up with inert absorbent material. Use personal protective equipment to minimize exposure to skin and eye. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

**Handling**  
Use spark-proof tools and explosion-proof equipment. Keep this product from heat, sparks, or open flame. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Keep away from sources of ignition - No smoking.

**Storage**  
Keep away from heat, sparks and flame. Keep away from oxidizers. Store at ambient temperature and atmospheric pressure. Keep away from excessive heat or cold.

8. Exposure Controls / Personal Protection

**Exposure guidelines**  
Exposure limits have not been established for this product.

**Engineering controls**  
Use in a well ventilated area.

**Personal protective equipment**

**General hygiene considerations**  
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

**General**  
Use personal protective equipment to minimize exposure to skin and eye.

9. Physical & Chemical Properties

**Appearance**  
Not available.

**Color**  
Not available.

**Odor**  
Not available.

**Odor threshold**  
Not available.

**Physical state**  
Liquid

**Form**  
Not available.

**pH**  
Not available.

**Melting point**  
Not available.

**Freezing point**  
Not available.

**Boiling point**  
Not available.

**Flash point**  
199.4 °F (93 °C) Cleveland Open Cup

**Evaporation rate**  
Not available.

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

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

**Vapor pressure**  
0.3 hPa  @ 20°C

**Vapor density**  
Not available.

**Specific gravity**  
1.02

**Relative density**  
Not available.

**Solubility (water)**  
6.5 %

**Auto-ignition temperature**  
644 °F (340 °C)

**Decomposition temperature**  
Not available.

**VOC**  
< 1000 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.
Incompatible materials
Strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalis.

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
Will not occur.

11. Toxicological Information
Serious eye damage/eye irritation
Not available.

Further information
This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological Information
Aquatic toxicity
This product has not been tested for ecological effects.

Persistence and degradability
Not available.

13. Disposal Considerations
Disposal instructions
Dispose of in compliance with federal, state, and local regulations. Do not allow this material to drain into sewers/water supplies.

14. Transport Information
Further information
Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

DOT
Not regulated as dangerous goods.

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. US TSCA 12(b): Does not contain listed chemicals.

DEA Exempt Chemical Mixtures Code Number
Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Not listed.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA (Superfund) reportable quantity
None

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
Yes

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

Section 302 extremely hazardous substance
No
Section 311 hazardous chemical
Yes

State regulations
US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not regulated.

Other information
All ingredients are listed on EINECS and/or ELINCS or exempt.
VOC content (less water, less exempt compounds) = g/L (U.S. requirement, not for emissions)
VOC data based on formulation (Organic compounds minus solids)

16. Other Information

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

HMIS® ratings
Health: 0
Flammability: 2
Physical hazard: 0

NFPA ratings
Health: 0
Flammability: 2
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.

Issue date
16-Oct-2012

This data sheet contains changes from the previous version in section(s):
9. Physical & Chemical Properties: Other information
14. Transport Information: Further information
15. Regulatory Information: Other information
### Explanation of abbreviations

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