1. Product and Company Identification

**Material name**: CN908 Series

**Version #**: 03

**Issue date**: 24-Apr-2010

**Revision date**: 22-Nov-2013

**Product use**: Inkjet printing.

**CAS #**: Mixture

**Synonym(s)**: HP Scitex GR100 Supreme Black 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

**Emergency overview**: Harmful by inhalation and in contact with skin. Contact with skin and eyes may result in irritation. Inhalation may result in respiratory irritation.

**Potential health effects**

- **Eyes**: Avoid contact with eyes. Contact with eyes may result in irritation.
- **Skin**: Avoid contact with skin. Harmful in contact with skin. Contact with skin may result in irritation and Harmful if absorbed through the skin.
- **Inhalation**: Avoid breathing vapors or mists of this product. Harmful if inhaled. Inhalation may result in respiratory irritation.
- **Ingestion**: May be harmful if swallowed. Swallowing large amounts may cause digestive discomfort. Harmful if swallowed.

**Other hazards**: Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethyl acetate</td>
<td>112-07-2</td>
<td>&lt;70</td>
</tr>
<tr>
<td>2-methoxy-1-methylethylacetate</td>
<td>108-65-6</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Black Pigment</td>
<td>Proprietary</td>
<td>&lt;7.5</td>
</tr>
</tbody>
</table>

**Composition comments**: Carbon black is present only in a bound form in this preparation.

4. First Aid Measures

**General advice**: No information
First aid procedures

Eye contact
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

Skin contact
In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. Get medical attention, if needed.

Inhalation
Move person to fresh air immediately. If symptoms persist, get immediate medical attention.

Ingestion
Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire Fighting Measures

Extinguishing media
Suitable extinguishing media: sand, carbon dioxide (CO2), and dry chemical.

Protection of 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
Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

Environmental precautions
Do not flush into surface water or sanitary sewer system.

Methods for cleaning up
Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Other information
Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

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>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethyl acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>Black Pigment (CAS Proprietary)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Pigment (CAS Proprietary)</td>
<td>PEL</td>
<td>3.5 mg/m3</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>2-Butoxyethyl acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>33 mg/m3</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>Black Pigment (CAS Proprietary)</td>
<td>TWA</td>
<td>5 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.1 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>2-methoxy-1-methylethylacate (CAS 108-65-6)</td>
<td>TWA</td>
<td>50 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>
</tr>
</thead>
<tbody>
<tr>
<td>Black Pigment (CAS Proprietary)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
</tr>
</tbody>
</table>

### 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 clothing.
- Wear appropriate chemical resistant gloves.

**Respiratory protection**
- Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**General hygiene considerations**
- Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.
- When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
- Launder contaminated clothing before reuse.

### 9. Physical & Chemical Properties

- **Appearance**: Not available.
- **Physical state**: Not available.
- **Form**: Liquid.
- **Color**: Black.
- **Odor**: Solvent.
- **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**: Not available.
- **VOC**: < 886 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**: Heat, flames and sparks.
- **Incompatible materials**: Not available.
- **Hazardous decomposition products**: Not available.
- **Possibility of hazardous reactions**: None known.
11. Toxicological Information

Toxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2-Butoxyethyl acetate (CAS 112-07-2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>1500 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>2400 mg/kg</td>
</tr>
<tr>
<td>Other</td>
<td>Mouse</td>
<td>754 mg/kg</td>
</tr>
<tr>
<td><strong>Black Pigment (CAS Proprietary)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>&gt; 8000 mg/kg</td>
</tr>
</tbody>
</table>

Carcinogenicity

Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint.

ACGIH Carcinogens

- 2-BUTOXYETHYL ACETATE (EGBEA) (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.
- CARBON BLACK, INHALABLE FRACTION (CAS Proprietary) A3 Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Black Pigment (CAS Proprietary) 2B Possibly carcinogenic to humans.

12. Ecological Information

Aquatic toxicity

No information available.

Ecotoxicity

No information available.

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.
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))**

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 - 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) = < 886 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 - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

CARBON BLACK (AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE [<= 10 MICROMETERS]) (CAS Proprietary) Listed: February 21, 2003 Carcinogenic.

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

2-Butoxyethyl acetate (CAS 112-07-2) Listed.  
Black Pigment (CAS Proprietary) Listed.

**US. Massachusetts RTK - Substance List**

Black Pigment (CAS Proprietary)

**US. Pennsylvania RTK - Hazardous Substances**

Black Pigment (CAS Proprietary) Listed.

**US. Rhode Island RTK**

Black Pigment (CAS Proprietary)

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):

- Hazards Identification: Other hazards
- Composition / Information on Ingredients: Disclosure Overrides
- 5. Fire Fighting Measures: Protective equipment and precautions for firefighters
- 9. Physical & Chemical Properties: Other information
- 15. Regulatory Information: Other regulations
- 15. Regulatory Information: Other information
- HazReg Data: Pacific Rim

Manufacturer information

Hewlett-Packard Company
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>