1. Product and Company Identification

Material name: CN917 Series
Version #: 05
Issue date: 06-Apr-2011
Revision date: 25-Nov-2013
Product use: Inkjet printing.
CAS #: Mixture
Synonym(s): HP Scitex GO100 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>Components</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;70</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td>108-65-6</td>
<td>&lt;25</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**

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black Pigment (CAS Proprietary)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Components</strong></td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Black Pigment (CAS Proprietary)</td>
</tr>
</tbody>
</table>
## 9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Not available.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Not available.</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Black.</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
</tr>
<tr>
<td>VOC</td>
<td>$&lt; 896$ g/L</td>
</tr>
<tr>
<td>Other information</td>
<td>No information available</td>
</tr>
</tbody>
</table>

## 10. Chemical Stability & Reactivity Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical stability</td>
<td>Stable at normal conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Heat, flames and sparks.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Not available.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Not available.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>None known.</td>
</tr>
</tbody>
</table>
11. Toxicological Information

Toxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Pigment (CAS Proprietary)</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>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</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>
</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.

Serious eye damage/eye irritation

Not available.

Further information

Complete toxicity data are not available for this specific formulation

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

<table>
<thead>
<tr>
<th>Basic shipping requirements:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>NA1993</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) -Not regulated in quantities less than 119 gallons</td>
</tr>
<tr>
<td>Hazard class</td>
<td>Combustible</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
</tbody>
</table>

IATA

Not regulated as dangerous goods.
IMDG
Not regulated as dangerous goods.

RID
Not regulated as dangerous goods.

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

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 - 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) = < 896 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
Black Pigment (CAS Proprietary) Listed.
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) 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: 0
Flammability: 0
Physical hazard: 0
NFPA ratings
Health: 0
Flammability: 0
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
06-Apr-2011

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