



Material Safety Data Sheet

1. Product and Company Identification

Material name 480I00330
Use of the preparation Inkjet printing.
Version # 02
Revision date 28-Jul-2009
CAS # Mixture
Synonym(s) HP Scitex WB300 Supreme Black Ink
Company identification Hewlett-Packard Company
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Date prepared Jul 27, 2009
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2. Hazards Identification

Acute health effects

Skin contact Contact with skin may result in irritation. Avoid contact with the skin.

Eye contact Contact with eyes may result in irritation. Avoid contact with eyes.

Potential health effects

Routes of exposure Potential routes of overexposure to this product are skin and eye contact.

Carcinogenicity 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

Component/substance	CAS number	% by weight
Dipropylene glycol	25265-71-8	< 50
Water	7732-18-5	< 40
Monomer Resin	Mixture	< 10
Carbon black	Proprietary	< 7.5
Composition comments	This product is highly soluble in water. Carbon black is present only in a bound form in this preparation.	

4. First Aid Measures

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 if irritation develops or persists.

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



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Inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms persist, get medical attention.

Ingestion

Rinse mouth out with water. Never give anything by mouth to an unconscious person. If symptoms persist, get medical attention.

5. Fire Fighting Measures**Flammable properties**

The product is not flammable.

Extinguishing media**Suitable extinguishing media**

Suitable extinguishing media; dry sand, CO₂ and CO.

Unusual fire and explosion hazard

The product is not flammable.

Protection of firefighters**Protective equipment and precautions for firefighters**

Wear suitable protective equipment.

6. Accidental Release Measures**Personal precautions**

Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Clean up in accordance with all applicable regulations. Clean-up methods - small spillage; Flush area with flooding quantities of water.

7. Handling and Storage**Handling**

Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Use only with adequate ventilation. When using, do not eat, drink or smoke.

Storage

Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

8. Exposure Controls / Personal Protection**Occupational exposure limits****ACGIH****Components****Type****Value**

Carbon black (Proprietary)

TWA

3.5 mg/m³

Personal protective equipment**General**

Eye wash fountain and emergency showers are recommended.

Eye / face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection

Wear appropriate chemical resistant gloves.
Wear appropriate chemical resistant clothing.

Respiratory protection

No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. 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**Color**

Black

Odor

Characteristic.

Odor threshold

Not available.



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Physical state	Liquid.
Form	Aqueous solution.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	< 451 g/L
Other information	VOC content (less water, less exempt compounds) = < 728 g/L (U.S. requirement, not for emissions)

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal storage conditions.
Incompatible materials	None known.

11. Toxicological Information

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. Carbon black is present only in a bound form in this preparation.
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IARC Monographs on Occupational Exposures to Chemical Agents: Evidence of carcinogenicity in humans

Carbon black (Proprietary) Inadequate data.

US ACGIH Threshold Limit Values: A4 carcinogen

Carbon black (Proprietary) Group A4 Not classifiable as a human carcinogen.

Symptoms and target organs

Target Organs (NIOSH)

Carbon black (Proprietary)	Eyes
Carbon black (Proprietary)	Respiratory system

12. Ecological Information

Ecotoxicity	This product has not been tested for ecological effects.
Persistence and degradability	Not available.



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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

Department of Transportation (DOT) Requirements

Not regulated as hazardous goods.

IATA

Not regulated as hazardous 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.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

International 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 - Pennsylvania RTK - Hazardous Substances: Listed substance

Carbon black (Proprietary) Listed.
Dipropylene glycol (25265-71-8) Listed.

16. Other Information

HMIS® ratings Health: 0
Flammability: 0
Physical hazard: 0
Personal protection:

NFPA ratings Health: 0
Flammability: 0
Instability: 0

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Revision 2

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Other information

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

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.

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