



Material Safety Data Sheet

1. Product and Company Identification

| | |
|-------------------------------|--|
| Material name | CN744 Series |
| 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 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: hpcustomerinquiries@hp.com |
| Date prepared | Jul 27, 2009 |
| MSDS number | 505417 |

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. |



Material Safety Data Sheet

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.



Material Safety Data Sheet

| | |
|---|---|
| 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. |
|------------------------|---|

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. |



Material Safety Data Sheet

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

Issue date

Jul 27 2009 7:53PM

Revision

2

Replaces sheet dated

Jul 24 2009 9:53PM

Manufacturer information

HP Scitex
8b Hatzoran Street
New Industrial Area
P.O.Box 8743
Netanya 42505 IL
(Direct) +972 (9) 892-4628



Material Safety Data Sheet

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 |