



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Trade name or designation of the mixture** CN744 Series  
**Synonyms** HP Scitex WB300 Supreme Black Ink  
**Version #** 01  
**Issue date** 20-Oct-2015  
**Chemical family** Aqueous Formulation  
**CAS #** Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Inkjet printing.

**Uses advised against** None known.

**Company identification** HP Computer and Printing Technologies Limited Liability Company  
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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

**Contains:** Carbon black, Dipropylene glycol, Monomer Resin, Water  
**Hazard pictograms** None.  
**Signal word** None.  
**Hazard statements** The mixture does not meet the criteria for classification.

#### Precautionary statements

**Prevention** Not available.  
**Response** Not available.  
**Storage** Not available.  
**Disposal** Not available.

**Supplemental label information** None.

### 2.3. 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. Potential routes of overexposure to this product are skin and eye contact. 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

### 3.2. Mixtures

Components	CAS #	Percent	EC-No.
Dipropylene glycol	25265-71-8	<50	246-770-3
Water	7732-18-5	<40	231-791-2

Components	CAS #	Percent	EC-No.
Monomer Resin	Mixture	<10	
Carbon black	Proprietary	<7.5	215-609-9

**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

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.  
**Skin contact** In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water.  
Wash clothing separately before reuse.  
**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.  
**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

**Flash point** > 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)  
**Suitable extinguishing media** Suitable extinguishing media; dry sand, CO2 and CO.  
**Unusual fire & explosion hazards** The product is not flammable.  
**Fire fighting equipment/instructions** 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

###### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Carbon black (CAS Proprietary)	TWA	3 mg/m3	Inhalable fraction.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

##### Recommended monitoring procedures

**Additional exposure data** Not available.

##### Personal protective equipment

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

**Hand protection** Wear appropriate chemical resistant gloves.

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

**Skin and body protection** Wear appropriate chemical resistant clothing.

**General** Eye wash fountain and emergency showers are recommended.

##### Hygiene measures

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical state</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	> 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Melting point/Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	< 451 g/L
<b>Other data</b>	
<b>Chemical family</b>	Aqueous Formulation

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Not available.
<b>Hazardous decomposition products</b>	Not available.
<b>Stability</b>	Stable under normal storage conditions.
<b>Materials to avoid</b>	None known. None known.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitizer</b>	Based on available data, the classification criteria are not met.
<b>Respiratory sensitizer</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.

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.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS Proprietary) 2B Possibly carcinogenic to humans.

<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Toxic to reproduction</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Further information</b>	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.

## Toxicological data

Components	Species	Test Results
Carbon black (CAS Proprietary)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 8000 mg/kg
Dipropylene glycol (CAS 25265-71-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20 ml/kg
<i>Oral</i>		
LD50	Guinea pig	17.6 g/kg
	Rat	14.8 ml/kg
<i>Other</i>		
LD50	Dog	11.79 g/kg
	Mouse	4600 mg/kg
	Rat	5800 mg/kg

## 12. ECOLOGICAL INFORMATION

**Environmental effects** Not available.

### Ecotoxicological data

Product	Species	Test Results
CN744 Series (CAS Mixture)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) > 750 mg/l, 96 hr

## 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

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADR

Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

**Regulatory information** 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.

## 16. OTHER INFORMATION

**Disclaimer** This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.

**Prepared by** HP

**This data sheet contains changes from the previous version in section(s):**

1. Product and Company Identification: Synonyms  
Composition/Information on Ingredients  
9. Physical & Chemical Properties: Multiple Properties  
12. Ecological Information: Ecotoxicity  
15. Regulatory Information: United States  
HazReg Data: Pacific Rim

**Manufacturer information**

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**Explanation of abbreviations**

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