



# SAFETY DATA SHEET

## 1. Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer

**Product name** CN744 Series  
**Synonym(s)** HP Scitex WB300 Supreme Black Ink  
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## 2. Identification of the components of the substance/preparation

Substance or Preparation	Preparation		
Chemical name	Synonyms	CAS number	Percent
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.

## 3. Dangers of the dangerous substance/preparation

**Physical hazards** Not classified as a physical hazard.  
**Health hazards** Not classified as a health hazard.  
**Environmental hazards** Not classified as an environmental hazard.  
**Main symptoms** Not available.

## 4. First aid instructions

### First aid measures for different exposure routes

**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.  
**Main symptoms** Not available.  
**Personal protection for first-aid responders** Not available.  
**Notes to physician** Not available.  
**Special first aid equipment** Not available.

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## 5. Firefighting procedure

### Extinguishing media

**Suitable extinguishing media** Suitable extinguishing media; dry sand, CO<sub>2</sub> and CO.

**Extinguishing media which must not be used for safety reasons** Not available.

**Specific hazards during fire fighting** Not available.

**Special fire fighting procedures** Wear suitable protective equipment.

**Protection of fire-fighters** Not available.

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## 6. Safety precautions

**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.

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## 7. Handling and storage

**Precautions for safe 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.

**Conditions for safe storage, including any incompatibilities** Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

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## 8. Means of reducing exposure and personal protection

**Engineering measures to reduce exposure** Not available.

### Occupational exposure limits

Israel. OELs (Labor Inspection Regs. (Occup. & Bio. Monitoring of those Working with Hazardous Materials), Appendix 2, 1990, as amended)

Components	Type	Value	Form
Carbon black	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.

### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Carbon black	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.

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

### 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.

**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

**Physical state** Liquid.

**Form** Aqueous solution.

**Color** Black.

**Odor** Characteristic.

**pH** 9.5 - 10.1

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<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Flash point</b>	> 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)
<b>Flammability</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Other information</b>	
<b>Chemical family</b>	Aqueous Formulation
<b>VOC</b>	< 451 g/L

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Conditions to avoid</b>	Not available.
<b>Possibility of hazardous reactions</b>	Not available.
<b>Incompatibility</b>	None known. None known.
<b>Hazardous decomposition products</b>	Not available.
<b>Materials to avoid</b>	Not available.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Ingestion</b>	Not available.

**Toxicological data** Not available.

**Acute toxicity** Based on available data, the classification criteria are not met.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Carbon black		
<u><b>Acute</b></u>		
<b>Oral</b>		
LD50	Rat	> 10000 mg/kg

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

### Respiratory or skin sensitization

**Respiratory sensitization** Based on available data, the classification criteria are not met.

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<b>Skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</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.

#### **ACGIH Carcinogens**

Carbon black (CAS Proprietary)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

Carbon black (CAS Proprietary)	2B Possibly carcinogenic to humans.
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<b>Reproductive toxicity</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>Chronic effects</b>	Not available.
<b>Other 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.

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## **12. Environmental information**

### **Ecotoxicity**

**Environmental effects** Not available.

### **Persistence and degradability**

**Mobility in soil** Not available.

**Other information** Not available.

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## **13. Dangerous substance disposal methods**

<b>Disposal instructions</b>	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. Dispose of in compliance with Israeli Ministry of the Environment and local regulations.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>Special precautions</b>	Not available.

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## **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.

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## **15. Regulatory information**

### **Israel regulations**

#### **Israel. Harmful Chemicals (Hazardous Substances Law, 5753-1993, Annex 1, as amended)**

Not listed.

#### **Israel. Toxic Chemicals (Hazardous Substances Law, 5753-1993, Annex 2, as amended)**

Not listed.

**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.

**Labeling**

**Contains** Carbon black, Dipropylene glycol, Monomer Resin, Water  
**R-phrases(s)** None.  
**S-phrases(s)** S24/25 Avoid contact with skin and eyes.  
S51 Use only in well-ventilated areas.

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**16. Other information**

**Training information** Follow training instructions when handling this material.

**Recommended use** Not available.

**Recommended restrictions** Not available.

**Further information** Not available.

**Bibliography** Not available.

**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.

**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