



SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name)	CN744 Series
Synonyms	HP Scitex WB300 Supreme Black Ink
Issue date	19-Aug-2016
Revision date	12-Sep-2017
Version #	03
Major recommended uses for the substance or mixture	Inkjet printing.
Specific restrictions for use of the substance or mixture	Not available.
Company identification	HP-PPS Ecuador Cia. Ltda, Avenida 12 de Octubre N24-739 y Avenida Cristóbal Colón, Edificio Boreal, Torre A, Piso 11, Oficinas 1101 y 1102, Quito, Pichincha, 170517, Ecuador
HP Inc. health effect line (Toll-free within US)	1-800-457-4209
(Direct)	1-760-710-0048
HP Inc. 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

Classification of the substance or mixture

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.

GHS labeling elements, including precautionary statements

Hazard symbol(s)	None.
Signal word	None.
Hazard statement(s)	Not available.
Precautionary statement(s)	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.

Other hazards which do not result in classification 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.

Supplemental information None.

3. Composition/information on ingredients

Substance or mixture	Mixture	CAS number	Concentration or concentration range
Common chemical name or technical name			
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 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.

Most important symptoms/effects, acute and delayed Not available.

Notes to physician Not available.

5. Fire-fighting measures

Means of fire extinguishing

Suitable extinguishing media	Suitable extinguishing media; dry sand, CO2 and CO.
Unsuitable extinguishing media	Not available.

Specific hazards arising from the chemical Not available.

Special fire fighting procedures Wear suitable protective equipment.

Protective measures taken by firefighting crews Not available.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services	Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye.
To be taken by those who are involved in rendering emergency services	Not available.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up Clean-up methods - small spillage

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.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

US. ACGIH Threshold Limit Values			
Components	Type	Value	Form
Carbon black	TWA	3 mg/m3	Inhalable fraction.

Components	Type	Value	Form
Carbon black	TWA	3 mg/m3	Inhalable fraction.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Appropriate engineering controls	Not available.		
Personal protective measures			
Eyes and face protection	Wear safety glasses; chemical goggles (if splashing is possible).		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves.		
Other	Wear appropriate chemical resistant clothing.		
Respiratory protection	No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation.		
Thermal hazards	Not available.		
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.		

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Aqueous solution.
Color	Black.

Odor Characteristic.

Odor threshold Not available.

pH 9.5 - 10.1

Melting point/freezing point Not available.

Initial boiling point and boiling temperature range Not available.

Flash point > 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Solubility(ies) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Other physical and chemical parameters

Chemical family Aqueous Formulation

VOC < 451 g/L

10. Stability and reactivity

Reactivity Not available.

Chemical stability Stable under normal storage conditions.

Possibility of hazardous reactions Not available.

Conditions to avoid	Not available.
Incompatible materials	None known. None known.
Hazardous decomposition products	Not available.

11. Toxicological information

Acute toxicity	Based on available data, the classification criteria are not met.
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	
Skin sensitization	Based on available data, the classification criteria are not met.
Respiratory sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	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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Ecuador. OELs (INEN 2266:2013, 2013-01 2nd rev.: Transport, storage and handling of hazardous materials. Requirements. 1st ed., 1/29, 2013)

Carbon black (CAS Proprietary)	Group 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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Toxic to reproduction	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Other information	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.

12. Ecological information

Ecotoxicity	This product has not been tested for ecological effects.
Persistence and degradability	Not available.
Bioaccumulative potential	
Partition coefficient n-octanol / water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Considerations on final disposal

Recommended methods for final destination

Residual waste	Not available.
Contaminated packaging	Not available.
Local disposal regulations	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

International regulations

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory information**Federal regulations****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.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Issue date 19-Aug-2016

Revision date 12-Sep-2017

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

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