



MATERIAL SAFETY DATA SHEET

1. Product and company identification

Product name CP820Series
Synonyms HP Scitex WB300 Supreme Black Ink
Recommended use Inkjet printing.
Limitations on use Not available.
Issue date 20-Oct-2015
Revision date 14-Aug-2016
Version # 02
Company identification ZAO Hewlett-Packard A.O.
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2. Hazards identification

Hazard classification
Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.

Label elements
Symbols None.
Signal word None.
Hazard statement Not available.
Precautionary statement
Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

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

Substance or mixture Mixture

Chemical property	CAS Number	Concentration (%)
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 for different exposure routes

Inhalation	Move to fresh air. 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.
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.
Most important symptoms and effects	Not available.
Notes to physician	Not available.

5. Fire-fighting measures

Flash point	> 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)
General fire hazards	Not available.
Suitable extinguishing media	Suitable extinguishing media; dry sand, CO2 and CO.
Unsuitable extinguishing media	None.
Specific hazards during fire fighting	Not available.
Special fire fighting procedures	Wear suitable protective equipment.
Personal protective equipment for fire-fighting	None.

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.
Clean-up methods and materials and containment measures	Clean-up methods - small spillage

7. Handling and storage

Handling	
Safe handling advice	Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Use only with adequate ventilation. When using do not eat or drink.
Storage	
Technical measures	Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.
Incompatible materials	Not available.

8. Exposure controls/personal protection

Occupational exposure limits

Personal protective equipment

General	Eye wash fountain and emergency showers are recommended.
Engineering measures	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.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Color	Black.

Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)
Heat of combustion	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Viscosity	Not available.
Solubility	Not available.
Partition coefficient (n-octanol/water)	Not available.
Other data	
Chemical family	Aqueous Formulation
VOC (Weight %)	< 451 g/L

10. Stability and reactivity

Stability	Stable under normal storage conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	None.
Incompatible materials	None known. None known.
Hazardous decomposition products	None.

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

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS Proprietary)

2B Possibly carcinogenic to humans.

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.

Components	Species	Test Results
Carbon black (CAS Proprietary)		
Acute		
<i>Oral</i>		
LD50	Rat	> 8000 mg/kg
Dipropylene glycol (CAS 25265-71-8)		
Acute		
<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

Persistence and degradability Not available.

Bioaccumulation Not available.

Mobility in soil Not available.

Other hazardous effects Not available.

Ecotoxicological data

Product	Species	Test Results
CP820Series		
Aquatic		
<i>Acute</i>		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) > 750 mg/l, 96 hr

13. Disposal considerations

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

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

Applicable 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.

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.

Issue date

20-Oct-2015

Revision date

14-Aug-2016

Version

02

Manufacturer information

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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