



# MATERIAL SAFETY DATA SHEET

## 1. Product and company identification

**Product name** CP511 Series  
**Synonyms** HP Scitex FB221 Cyan Ink  
**Recommended use and Limitations on use**  
**Recommended use** Inkjet printing  
**Revision date** 06-Dec-2013  
**Version #** 03  
**Company identification** Hewlett-Packard Taiwan Ltd.  
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## 2. Hazards identification

**Classification** Xi;R36/37/38, R52/53  
**Physical hazards** Not classified as a physical hazard.  
**Health hazards** Irritating to eyes, respiratory system and skin.  
**Environmental hazards** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Other hazards** Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.  
  
Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

## 3. Composition/information on ingredients

**Substance or mixture** Mixture

<b>Chemical property</b>	<b>CAS Number</b>	<b>Concentration (%)</b>
Neopentylglycol propoxylate diacrylate	84170-74-1	<30
Ethoxylated Trimethylolpropane Triacrylate	28961-43-5	<25
Acrylate Ester	Proprietary	<20
N-vinylcaprolactam	2235-00-9	<20
Propiophenone derivative	Proprietary	<5
Acrylated Oligoamine Resin	Proprietary	<2.5
Blue Pigment	Proprietary	<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine	75980-60-8	<2.5
Photo Initiator	Proprietary	<2.5
Fragrance	Proprietary	<1

## 4. First aid measures

### First aid measures for different exposure routes

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.  
**Skin contact** Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.  
**Eye contact** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention

<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.
<b>Most important symptoms and effects</b>	Not available.
<b>Personal protection for first-aid responders</b>	Not available.
<b>Notes to physician</b>	Not available.

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## 5. Fire-fighting measures

<b>Flash point</b>	> 149.00 °F (> 65.00 °C) Closed Cup
<b>Extinguishing media</b>	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
<b>Extinguishing media to avoid</b>	Water.
<b>Specific hazards during fire fighting</b>	None.
<b>Special fire fighting procedures</b>	None.
<b>Protection of fire-fighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. Accidental release measures

<b>Personal precautions</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
<b>Spill cleanup methods</b>	Not available.
<b>Other information</b>	Dispose of in compliance with federal, state, and local regulations.

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## 7. Handling and storage

<b>Handling</b>	
<b>Precautions</b>	Not available.
<b>Storage</b>	
<b>Technical measures</b>	Not available.

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## 8. Exposure controls/personal protection

<b>Exposure limits</b>	No exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Exposure limits have not been established for this product.
<b>Engineering measures</b>	Not available.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Skin and body protection</b>	Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

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## 9. Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Cyan
<b>Odor</b>	Characteristic.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.

<b>Flash point</b>	> 149.00 °F (> 65.00 °C) Closed Cup
<b>Flammability (solid, gas)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Solubility</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Other data</b>	
<b>VOC (Weight %)</b>	< 95 g/L

## 10. Stability and reactivity

<b>Stability</b>	Stable under normal storage conditions.
<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Incompatible materials</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.

## 11. Toxicological information

<b>Acute toxicity</b>	Not available.
<b>Routes of exposure</b>	Not available.
<b>Symptoms</b>	Not available.
<b>Carcinogenicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Chronic effects</b>	Not available.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

## 12. Ecological information

<b>Aquatic toxicity</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulation</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Other hazardous effects</b>	Not available.

## 13. Disposal considerations

<b>Local disposal regulations</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.
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## 14. Transport information

### International regulations

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

## 15. Regulatory information

<b>Applicable regulations</b>	No information available
<b>Regulatory information</b>	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.

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## 16. Other information

### 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.

### Issue date

04-Sep-2013

### Revision date

06-Dec-2013

### 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