



# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Material name</b>	CP511 Series
<b>Product use</b>	Inkjet printing
<b>Synonym(s)</b>	HP Scitex FB221 Cyan Ink
<b>CAS #</b>	Mixture
<b>Company identification</b>	Hewlett-Packard Colombia Carrera 7 No 99-21/53 Edificio Capita Torre 2 Bogota, Colombia Telephone (57) 1 639 0000  Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-503-494-7199 HP Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomerinquiries@hp.com

## 2. HAZARDS IDENTIFICATION

<b>Classification (EU)</b>	Xi, R36/37/38, R52/53
<b>Acute health effects</b>	
<b>Skin contact</b>	Contact causes skin irritation. Avoid contact with the skin.
<b>Eye contact</b>	Irritating to eyes. Avoid contact with eyes.
<b>Inhalation</b>	Do not breathe vapour. Inhalation of vapours or mists of the product may be irritating to the respiratory system.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Physical hazards</b>	Not classified as a physical hazard.
<b>Health hazards</b>	Irritating to eyes, respiratory system and skin.
<b>Environmental hazards</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Other information</b>	Australia: Hazardous substance. Non-Dangerous goods.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/substance	CAS number	% by weight	EU classification
Neopentylglycol Propoxylate Diacrylate	84170-74-1	< 30	Xi, R36
Ethoxylated Trimethylolpropane Triacrylate	28961-43-5	< 25	Xi, R36
Acrylate Ester	Proprietary	< 20	Xi, N, R52/53, 36/37/38
vinyl caprolactam (VCAP)	Mixture	< 20	Xi, Xn, R22, 36
Propiophenone derivative	Proprietary	< 5	Xn, N, R22, 51/53, 63
Acrylated Oligoamine Resin	Proprietary	< 2.5	Xi, R36/38
Genacure Resin	Proprietary	< 2.5	Xn, R52/53, 62
Photo Initiator	Proprietary	< 2.5	
Pigment Blue	Proprietary	< 2.5	
1,6-Hexanediol Diacrylate	13048-33-4	< 1	Xi, R43, 36/38
Fragrance	Mixture	< 1	Xi, R43, 52/53

## 4. FIRST AID MEASURES

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>Eye contact</b>	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.



# Safety Data Sheet

## Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

---

## 5. FIRE-FIGHTING MEASURES

Flash point and method	> 65 °C (> 149 °F) closed cup
Fire fighting equipment/instructions	Avoid runoff into storm sewers and ditches which lead to waterways.
Suitable extinguishing media	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
Extinguishing media which must not be used for safety reasons	Water.
Unusual fire & explosion hazards	None known.

---

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
Methods for cleaning up	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

---

## 7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing.
Storage	Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional exposure data	Exposure limits have not been established for this product.
Personal protective equipment	
Respiratory protection	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
Eye protection	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
Hygiene measures	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.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available.
Physical state	Liquid.
Form	Liquid.
Color	Cyan
Odor	Characteristic.
Odour threshold	Not available.
pH	Not available.
Boiling point	Not available.
Flash point	> 65 °C (> 149 °F) closed cup
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available.



# Safety Data Sheet

<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Relative density</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</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</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>Materials to avoid</b>	Incompatible with strong bases and oxidizing agents. alkali 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>Hazardous polymerization</b>	Hazardous polymerization can occur with decreased inhibitor content.

---

## 11. TOXICOLOGICAL INFORMATION

<b>Further 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.
-------------------------	---

---

## 13. DISPOSAL CONSIDERATIONS

<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.
------------------------------	--

---

## 14. TRANSPORT INFORMATION

### ADR

Not regulated as hazardous goods.

### IMDG

Not regulated as hazardous goods.

### IATA

Not regulated as hazardous goods.

---

## 15. REGULATORY INFORMATION

<b>International regulations</b>	Notified according to EU Regulations.
<b>Labeling</b>	
<b>Contains</b>	1,6-Hexanediol Diacrylate, Acrylate Ester, Acrylated Oligoamine Resin, Ethoxylated Trimethylolpropane Triacrylate, Fragrance, Genacure Resin, Neopentylglycol Propoxylate Diacrylate, Photo Initiator, Pigment Blue, Propiophenone derivative, vinyl caprolactam (VCAP)



# Safety Data Sheet

Symbol(s)



Irritant

**R-phrase(s)**

R36/37/38 Irritating to eyes, respiratory system and skin.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrase(s)**

S24/25 Avoid contact with skin and eyes.  
S51 Use only in well-ventilated areas.  
S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

---

## 16. OTHER INFORMATION

**Manufacturer information**

HP Scitex  
8b Hatzoran Street  
New Industrial Area  
P.O.Box 8743  
Netanya 42505 IL  
(Direct) +972 (9) 892-4628

**List of relevant R phrases**

R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62 Possible risk of impaired fertility.  
R63 Possible risk of harm to the unborn child.

**Other information**

This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC.

**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**

15-Jul-2009



# Safety Data Sheet

## 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