



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Trade name or designation of the mixture** CP515 Series

### Other means of identification

**Synonyms** HP Scitex FB221 Light Cyan Ink

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Inkjet printing

**Uses advised against** None known.

### Company identification

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## 2. HAZARDS IDENTIFICATION

### 2.1 GHS classification of substance or mixture, and national or regional information

**Physical hazards** Not classified.

**Health hazards**

Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation

**Environmental hazards** Hazardous to the aquatic environment, long-term aquatic hazard Category 3

### 2.2 GHS label elements

#### Hazard symbol(s)



**Signal word** Danger

#### Hazard statement(s)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H360	May damage fertility.
H360	May damage the unborn child.
H335	May cause respiratory irritation.
H373	May cause damage to organs (liver, nose) through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

## Precautionary statement

### Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P264 - Wash hands thoroughly after handling.  
P273 - Avoid release to the environment.

### Response

P370 + P380 - In case of fire: Evacuate area.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P308 + P313 - IF exposed or concerned: Get medical attention/advice.  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.  
P362 - Take off contaminated clothing and wash before reuse.

### Storage

P405 - Store locked up.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

## Precautionary statements

### Disposal

P501

Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. 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

### 3.2. Mixtures

Components	CAS #	Percent
Neopentylglycol propoxylate diacrylate	84170-74-1	<30
Acrylate ester	Proprietary	<25
1-vinylhexahydro-2H-azepin-2-one	2235-00-9	<20
Acrylate Ester	Proprietary	<20
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	<5
Acrylated Oligoamine Resin	Proprietary	<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	<2.5
Photo Initiator	Proprietary	<2.5
Blue Pigment	Proprietary	<1
Fragrance	Proprietary	<1

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### 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.

#### 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.

<b>4.2. Most important symptoms and effects, both acute and delayed</b>	Not available.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	Not available.
<b>General information</b>	Not available.

## 5. FIRE-FIGHTING MEASURES

<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
<b>Unsuitable extinguishing media</b>	Water.
<b>5.2. Special hazards arising from the substance or mixture</b>	Not available.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.
<b>Special fire fighting procedures</b>	Not available.
<b>General fire hazards</b>	Not available.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>For emergency responders</b>	Not available.
<b>6.2. 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>6.3. Methods and material for containment and cleaning up</b>	Not available.
<b>6.4. Reference to other sections</b>	Not available.

## 7. HANDLING AND STORAGE

<b>7.1. Precautions for safe handling</b>	Avoid contact with skin, eyes and clothing.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	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.
<b>7.3. Specific end use(s)</b>	Not available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1. Control parameters</b>	
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Recommended monitoring procedures</b>	Not available.
<b>Recommended monitoring procedures</b>	
<b>Additional exposure data</b>	Exposure limits have not been established for this product.

### Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Workers	Dermal	0.7 mg/kg	Systemic long term
		Inhalation	4.9 mg/m <sup>3</sup>	Systemic long term
		Inhalation	0.17 mg/m <sup>3</sup>	Local long term
Acrylate ester (CAS Proprietary)	Workers	Dermal	0.8 mg/kg	Systemic long term

Components	Type	Route	Value	Form
Neopentylglycol propoxylate diacrylate (CAS 84170-74-1)	Workers	Inhalation	16.2 mg/m <sup>3</sup>	Systemic short term
		Dermal	3.33 mg/kg	Systemic long term
		Inhalation	11.75 mg/m <sup>3</sup>	Systemic long term

#### Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form		
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Not applicable	Freshwater	0.1 mg/l			
		Intermittant	1 mg/l	Releases		
		Marine water	0.01 mg/l			
		Sediment	0.829 mg/kg	Freshwater		
		Sediment	0.0829 mg/kg	Marine water		
		Soil	0.107 mg/kg			
		STP	262 mg/l	Sewage Treatment Plant		
		Acrylate ester (CAS Proprietary)	Not applicable	Freshwater	0.00195 mg/l	
				Intermittant	0.0195 mg/l	Releases
				Marine water	0.000195 mg/l	
Sediment	0.0082 mg/kg			Freshwater		
Neopentylglycol propoxylate diacrylate (CAS 84170-74-1)	Not applicable	Sediment	0.00082 mg/kg	Marine water		
		Soil	0.00587 mg/kg			
		STP	10 mg/l	Sewage Treatment Plant		
		Freshwater	0.0027 mg/l			
		Intermittant	0.027 mg/l	Releases		
		Marine water	0.00027 mg/l			
		Sediment	0.188 mg/kg	Freshwater		
		Sediment	0.018 mg/kg	Marine water		
Soil	0.036 mg/kg					
STP	0.2 mg/l	Sewage Treatment Plant				

**Exposure guidelines** Exposure limits have not been established for this product.

#### 8.2. Exposure controls

**Appropriate engineering controls** Not available.

#### Individual protection measures, such as personal protective equipment

**General information** Not available.

**Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

#### Skin protection

**- Hand protection** Wear appropriate chemical resistant gloves.

#### Individual protection measures, for example personal protective equipment (PPE)

#### Skin protection

#### Individual protection measures, such as personal protective equipment

**- Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**Thermal hazards** Not available.

#### 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.

**Environmental exposure controls** Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state** Liquid.

**Form** Liquid.

<b>Color</b>	Light Cyan
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	> 149.0 °F (> 65.0 °C) Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</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 - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Solubility (other)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	
<b>VOC (Weight %)</b>	< 95 g/L

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## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Not available.
<b>10.2. Chemical stability</b>	Stable under normal storage conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<b>10.4. Conditions to avoid</b>	Exposure to sunlight.
<b>10.5. Incompatible materials</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>10.6. Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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## 11. TOXICOLOGICAL INFORMATION

<b>General information</b>	Not available.
<b>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	No data available.
<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Not available.
<b>Respiratory sensitization</b>	Not available.
<b>Respiratory or skin sensitization</b>	
<b>Skin sensitization</b>	Not available.
<b>Germ cell mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not available.

**Specific target organ toxicity - repeated exposure** Not available.

**Other information** Complete toxicity data are not available for this specific formulation

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## 12. ECOLOGICAL INFORMATION

**12.1. Toxicity** No toxicity data noted for the ingredient(s).  
**Aquatic toxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**12.2. Persistence and degradability** Not available.  
**12.3. Bioaccumulative potential** Not available.  
**Partition coefficient n-octanol/water (log Kow)** Not available.  
**Bioconcentration factor (BCF)** Not available.  
**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.  
**12.6. Other adverse effects** Not available.

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## 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**  
**Residual waste** Not available.  
**Contaminated packaging** Not available.  
**EU waste code** Not available.  
**Disposal methods/information** 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

**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

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**15.2. Chemical safety assessment** See attached SUMI or GEIS document, if applicable.  
**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.

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## 16. OTHER INFORMATION

**List of abbreviations** Not available.  
**References** Not available.  
**Information on evaluation method leading to the classification of mixture** Not available.  
**Revision information**  
1. Product and Company Identification: Synonyms  
3. Composition / Information on Ingredients: Ingredients  
9. Physical & Chemical Properties: Multiple Properties  
15. Regulatory Information: Safety Phrases  
GHS: Qualifiers

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**Manufacturer information**

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**Training information**

Not available.

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