



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** CP530Series

**Other means of identification**

**Synonyms** HP FB225 WHITE SCITEX INK

**Recommended use** Inkjet printing

**Recommended restrictions** None known.

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## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards**

Acute toxicity (Oral)	Category 4
Acute toxicity (Dermal)	Category 5
Carcinogenicity	Category 2
Toxic to reproduction	Category 2

**Environmental hazards** Chronic hazards to the aquatic environment Category 3

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** Not available.

**Precautionary statement**

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** Not available.

**Other hazards which do not result in classification** Titanium dioxide is classified by IARC as a Group 2B carcinogen, meaning there is inadequate evidence in humans for the carcinogenicity of titanium dioxide, but there is sufficient evidence in experimental animals for the carcinogenicity of titanium dioxide. Exposure to titanium dioxide in this product is unlikely because it is a component of a liquid ink and is bound to other ink components. May cause cancer.

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.

**Supplemental information** Contains Glycerolpropoxytriacylate. May produce an allergic reaction.

## 3. Composition/information on ingredients

### Mixtures

#### Hazardous components

Chemical name	Common name and synonyms	CAS number	%
Aliphatic Urethane Acrylate		Proprietary	<30
Titanium dioxide pigment blend		13463-67-7	<15
Diphenyl (2,4,6-trimethylbenzoyl) phosphine		Proprietary	<5

## Hazardous components

Chemical name	Common name and synonyms	CAS number	%
Vinylester resin	Propionic acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, diallyl ester		<1

## Non-hazardous components

Chemical name	Common name and synonyms	CAS number	%
Vinylcaprolactam		Proprietary	<30
Acrylate ester		Proprietary	<15
2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H, ,4H,6H)-triy)tri-2,1-ethanediyl ester		40220-08-4	<10
Propiophenone derivative		Proprietary	<5
Glycerol, propoxylated, esters with acrylic acid		Proprietary	<1

## 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.
<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/effects, acute and delayed</b>	Not available.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
<b>Unsuitable extinguishing media</b>	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Not applicable.
<b>Special protective equipment and precautions for firefighters</b>	Not available.
<b>Fire-fighting equipment/instructions</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Methods and materials for containment and cleaning up</b>	Not available.
<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>Other information</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes and clothing.
<b>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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### Vietnam. OELs

Components	Type	Value	Form
Titanium dioxide pigment blend (CAS 13463-67-7)	STEL	10 mg/m3	Inhalable dust.
	TWA	6 mg/m3	Inhalable dust.
		5 mg/m3	Respirable dust.

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Titanium dioxide pigment blend (CAS 13463-67-7)	TWA	10 mg/m3

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

Exposure limits have not been established for this product.

### Appropriate engineering controls

Not available.

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

#### 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.

##### Other

Wear appropriate chemical resistant clothing.

#### Respiratory protection

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

#### Thermal hazards

Not available.

### General hygiene considerations

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

Liquid.

#### Physical state

Not available.

#### Form

Liquid.

#### Color

White.

### 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

170.6 °F (77.0 °C) Closed Cup EPA Method 1020

### 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.

### Vapor density

Not available.

### Solubility(ies)

**Solubility (water)** Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>VOC (Weight %)</b>	7.6 g/L Method 24/ASTM D5403-93

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<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.

## 11. Toxicological information

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Not available.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	Causes skin and eye irritation.
<b>Skin corrosion/irritation</b>	Non-corrosive (OECD 431)
<b>Serious eye damage/eye irritation</b>	Causes eye irritation. (OECD 437)
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals in contact with skin. Causes skin irritation.
<b>Germ cell mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	
<b>ACGIH Carcinogens</b>	
Titanium dioxide pigment blend (CAS 13463-67-7)	A4 Not classifiable as a human carcinogen.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Titanium dioxide pigment blend (CAS 13463-67-7)	2B Possibly carcinogenic to humans.
<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not available.
<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.

## 12. Ecological information

**Aquatic toxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Ecotoxicity

Components	Species	Test Results
Titanium dioxide pigment blend (CAS 13463-67-7)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours

<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	Not available.

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### 13. Disposal considerations

**Disposal instructions** 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**

**UN number** NA1993  
**UN proper shipping name** Combustible Liquid n.o.s. (1-Methoxy-2-propanol acetate, Solvent naphtha) - not regulated in quantities less than 119 gallons.

**Transport hazard class(es)**

**Class** Combustible  
**Subsidiary risk** -  
**Packaging group** III  
**Special precautions for user** Not available.

**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

**National regulations**

**Ozone Depleting Substances (ODS) Joint circular No. 14/2005/TTLT-BTM-BTNMT**  
Not regulated.

**Other information** Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

**Regulatory information** 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, including date of preparation or last revision

**Issue date** 14-Oct-2016  
**Version #** 01  
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**Revision Information** Product and Company Identification: Synonyms  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
14. Transport Information: Material Transportation Information  
15. Regulatory Information: Safety Phrases

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