



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 CP530Series

Other means of identification

Synonyms HP FB225 WHITE SCITEX 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 1B
Serious eye damage/eye irritation Category 1
Carcinogenicity Category 2
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) None.

Signal word None.

Hazard statement(s) Not available.

Precautionary statement

Prevention Not available.

Response Not available.

Storage Not available.

Precautionary statements

Disposal Not available.

2.3. Other hazards

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

3.2. Mixtures

Components	CAS #	Percent
1-vinylhexahydro-2H-azepin-2-one	2235-00-9	<30
Aliphatic Urethane Acrylate	Proprietary	<30
Tetrahydrofurfuryl acrylate	2399-48-6	<15
Titanium dioxide pigment blend	13463-67-7	<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
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	<5
Propiophenone derivative	Proprietary	<5
Propoxylated glycerol triacrylate	52408-84-1	<1
Vinylester resin		<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.

4.2. Most important symptoms and effects, both acute and delayed

Not available.

4.3. Indication of any immediate medical attention and special treatment needed

Not available.

General information

Not available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Dry powder. Carbon dioxide (CO₂). Water may be ineffective.

Unsuitable extinguishing media Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters Not available.

Special fire fighting procedures Avoid runoff into storm sewers and ditches which lead to waterways.

General fire hazards

Not available.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

For emergency responders Not available.

6.2. Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
6.3. Methods and material for containment and cleaning up	Not available.
6.4. Reference to other sections	Not available.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Not available.
Recommended monitoring procedures	
Additional exposure data	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 ³	Systemic long term
		Inhalation	0.17 mg/m ³	Local long term
Propoxylated glycerol triacrylate (CAS 52408-84-1)	Workers	Dermal	1.92 mg/kg	Systemic long term
		Inhalation	16.22 mg/m ³	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
Propoxylated glycerol triacrylate (CAS 52408-84-1)	Not applicable	Freshwater	0.00574 mg/l	
		Intermittant	0.0574 mg/l	Releases
		Marine water	0.01697 mg/kg	
		Sediment	0.001697 mg/kg	Marine water
		Soil	0.00111 mg/kg	
		STP	10 mg/l	Sewage Treatment Plant

Exposure guidelines	Exposure limits have not been established for this product.
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8.2. Exposure controls

Appropriate engineering controls	Not available.
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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	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 - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. Other information

VOC (Weight %) 7.6 g/L Method 24/ASTM D5403-93

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not available.
10.2. Chemical stability	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerization can occur with decreased inhibitor content.
10.4. Conditions to avoid	Exposure to sunlight.
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents. alkaline metals

10.6. Hazardous decomposition products

Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

General information Complete toxicity data are not available for this specific formulation

11.1. Information on toxicological effects

Acute toxicity Causes skin and eye irritation.

Skin corrosion/irritation Non-corrosive (OECD 431)

Serious eye damage/eye irritation Causes eye irritation. (OECD 437)

Respiratory sensitization Not available.

Respiratory or skin sensitization

Skin sensitization 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.

Germ cell mutagenicity Not available.

Carcinogenicity

IARC Monographs: Evidence of carcinogenicity in humans

Titanium dioxide pigment blend (CAS 13463-67-7) Inadequate data.

Reproductive toxicity Not available.

Specific target organ toxicity - single exposure Not available.

Specific target organ toxicity - repeated exposure Not available.

Other information Not available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

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

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

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential 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.

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.

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.

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.

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
14. Transport Information: Material Transportation Information
15. Regulatory Information: Safety Phrases

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Training information Not available.

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