



SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name)	CP513 Series
Synonyms	HP Scitex FB221 Yellow Ink
Issue date	18-Aug-2016
Version #	01
Major recommended uses for the substance or mixture	Inkjet printing
Specific restrictions for use of the substance or mixture	Not available.
Company identification	HP-PPS Ecuador Cia. Ltda, Avenida 12 de Octubre N24-739 y Avenida Cristóbal Colón, Edificio Boreal, Torre A, Piso 11, Oficinas 1101 y 1102, Quito, Pichincha, 170517, Ecuador HP Inc. health effect line (Toll-free within US) 1-800-457-4209 (Direct) 1-760-710-0048 HP Inc. Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com

2. Hazards identification

Classification of the substance or mixture

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, oral	Category 4
	Carcinogenicity	Category 1
	Reproductive toxicity	Category 2
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 3

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

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

Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not breathe fume/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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. P403 + P235 - Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification	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. Contains Nickel. May cause cancer. Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
Supplemental information	None.

3. Composition/information on ingredients

Substance or mixture	Mixture		
Common chemical name or technical name		CAS number	Concentration or concentration range
Neopentylglycol propoxylate diacrylate		Proprietary	<30
Acrylate ester		Proprietary	<25
Acrylate Ester		Proprietary	<20
Vinylcaprolactam		Proprietary	<20
Propiophenone derivative		Proprietary	<5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine		Proprietary	<2.5
Acrylated Oligoamine Resin		Proprietary	<2.5
Nickel Yellow Pigment		Proprietary	<2.5
Photo Initiator		Proprietary	<2.5
Fragrance		Proprietary	<1

4. First-aid measures

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.
Most important symptoms/effects, acute and delayed	Not available.
Notes to physician	Not available.

5. Fire-fighting measures

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

Unsuitable extinguishing media	Water.
Specific hazards arising from the chemical	Not available.
Protective measures taken by firefighting crews	Avoid runoff into storm sewers and ditches which lead to waterways.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

To be taken by those who are involved in rendering emergency services Not available.

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 and materials for containment and cleaning up Not available.

Other issues relating to spills and releases Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and storage

Precautions for safe handling Avoid contact with skin, eyes and clothing.

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.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits No exposure limits noted for ingredient(s).

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.

Personal protective measures

Eyes and 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.

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

Physical state Liquid.

Form Liquid.

Color Yellow

Odor Characteristic.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling temperature range	Not available.
Flash point	> 149.0 °F (> 65.0 °C) Closed Cup
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.
Solubility(ies)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other physical and chemical parameters	
VOC (Weight %)	< 95 g/L

10. Stability and reactivity

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

Skin corrosion/irritation	Not available.
Serious eye damage/eye irritation	Not available.
Respiratory or skin sensitization	
Skin sensitization	Not available.
Respiratory sensitization	Not available.
Germ cell mutagenicity	Not available.
Toxic to reproduction	Not available.
Aspiration hazard	Not available.
Other information	Complete toxicity data are not available for this specific formulation

12. Ecological information

Aquatic toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Ecotoxicity	
Persistence and degradability	Not available.
Bioaccumulative potential	
Partition coefficient n-octanol / water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.

Mobility in soil Not available.

Other adverse effects Not available.

13. Considerations on final disposal

Recommended methods for final destination

Residual waste Not available.

Contaminated packaging Not available.

Local disposal regulations 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

International regulations

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory information

Federal regulations

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.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Legends and abbreviations 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
HazReg Data: Pacific Rim
GHS: Qualifiers

Issue date

18-Aug-2016

Disclaimer

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Manufacturer information

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Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds