



SAFETY DATA SHEET

1. Product and company identification

Product name CP513 Series
Synonyms HP Scitex FB221 Yellow Ink
Recommended use and Limitations on use
Recommended use Inkjet printing
Issue date 05-Sep-2013
Revision date 18-Aug-2016
Version # 03
Company identification HP Taiwan Information Technology Ltd.
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2. Hazards identification

Hazard classification

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity (Oral)	Category 5
	Carcinogenicity	Category 1
	Toxic to reproduction	Category 2
Environmental hazards	Not classified.	

Label elements

Symbols



Signal word

Danger

Hazard statement

Combustible liquid. Causes skin irritation. Causes serious eye 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.

Precautionary statement

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

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.

3. Composition/information on ingredients

Substance or mixture	Mixture	CAS #	Percent
Components			
Neopentylglycol propoxylate diacrylate		Proprietary	<30
Acrylate ester		Proprietary	<25
Acrylate Ester		Proprietary	<20
Vinylcaprolactam		Proprietary	<20
Propiophenone derivative		Proprietary	<5
Acrylated Oligoamine Resin		Proprietary	<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine		Proprietary	<2.5
Nickel Yellow Pigment		Proprietary	<2.5
Photo Initiator		Proprietary	<2.5
Fragrance		Proprietary	<1

4. First aid measures**First aid measures for different exposure routes**

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 and effects Not available.

Personal protection for first-aid responders Not available.

Notes to physician Not available.

5. Fire-fighting measures

Flash point > 149.0 °F (> 65.0 °C) Closed Cup

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

Extinguishing media to avoid	Water.
Specific hazards during fire fighting	Not available.
Special fire fighting procedures	None.
Protection of fire-fighters	Avoid runoff into storm sewers and ditches which lead to waterways.

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.
Spill cleanup methods	Not available.
Other information	Dispose of in compliance with federal, state, and local regulations.

7. Handling and storage

Handling	
Precautions	Not available.
Safe handling advice	Not available.
Storage	
Suitable storage conditions	Not available.
Incompatible materials	Not available.

8. Exposure controls/personal protection

Exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Engineering measures	Not available.
Personal protective equipment	
Respiratory protection	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	Wear appropriate chemical resistant gloves.
Eye protection	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
Skin and body protection	Wear appropriate chemical resistant clothing.
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.
Exposure guidelines	Exposure limits have not been established for this product.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Color	Yellow
Odor	Characteristic.
pH	Not available.
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	> 149.0 °F (> 65.0 °C) Closed Cup
Flammability (solid, gas)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.

Solubility(ies)	
Solubility (water)	Not available.
Decomposition temperature	Not available.
Other data	
VOC (Weight %)	< 95 g/L

10. Stability and reactivity

Stability	Stable under normal storage conditions.
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.
Possibility of hazardous reactions	Hazardous polymerization can occur with decreased inhibitor content.

11. Toxicological information

Acute toxicity	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.
Persistence and degradability	Not available.
Bioaccumulation	Not available.
Mobility in soil	Not available.
Other hazardous effects	Not available.

13. Disposal considerations

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.
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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.

15. Regulatory information

Applicable regulations

Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

Not listed.

GHS Classification List: GHS implementation phase 1 and 2 (CLA No. 0960145703, 0970146313, and 0990146707)

Diphenyl (2,4,6-trimethylbenzoyl) phosphine (CAS Proprietary)

Nickel Yellow Pigment (CAS Proprietary)

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

References	Not available.
Issued by	HP Inc.
Prepared by	HP Chemical Compliance & Toxicology Department
Disclaimer	This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.
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This data sheet contains changes from the previous version in section(s):	Composition/Information on Ingredients Other information: Disclaimer
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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