



SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material name CP513 Series
Product use Inkjet printing
Issue date 05-Sep-2013
Revision date 18-Aug-2016
Version # 03
Synonym(s) HP Scitex FB221 Yellow Ink
Company identification HP Philippines
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2. HAZARDS IDENTIFICATION

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.

GHS label elements

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	<p>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.</p>
Storage	<p>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.</p>
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent
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

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.

5. FIRE-FIGHTING MEASURES

Flash point	> 149.0 °F (> 65.0 °C) Closed Cup
Suitable extinguishing media	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
Extinguishing media which must not be used for safety reasons	Water.
Unusual fire & explosion hazards	None known.
Special protective equipment for 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.

Methods for cleaning up Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing.
Storage 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

Occupational exposure limits No exposure limits noted for ingredient(s).
Exposure guidelines Exposure limits have not been established for this product.
Biological limit values No biological exposure limits noted for the ingredient(s).
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state Liquid.
Color Yellow
Odor Characteristic.
Odor threshold Not available.
pH Not available.
Vapor pressure Not available.
Boiling point Not available.
Melting point/Freezing point Not available.
Solubility (water) Not available.
Specific gravity Not available.
Flash point > 149.0 °F (> 65.0 °C) Closed Cup
Flammability limits in air, upper, % by volume Not available.
Flammability limits in air, lower, % by volume Not available.
Auto-ignition temperature Not available.
VOC < 95 g/L

10. STABILITY AND REACTIVITY

Stability Stable under normal storage conditions.
Conditions to avoid Exposure to sunlight.
Hazardous decomposition products Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Materials to avoid Incompatible with strong bases and oxidizing agents. alkaline metals
Hazardous polymerization Hazardous polymerization can occur with decreased inhibitor content.

11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation Not available.

Serious eye damage/eye irritation	Not available.
Respiratory sensitizer	Not available.
Toxicological information	Not available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Further information	Complete toxicity data are not available for this specific formulation

12. ECOLOGICAL INFORMATION

Environmental effects	Not available.
Aquatic toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

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

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

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