



# SAFETY DATA SHEET

## 1. Identification

**GHS product identifier** CP513 Series  
**Version #** 01  
**Issue date** 18-Aug-2016  
**Recommended use** Inkjet printing  
**Recommended Restrictions** Not available.  
**Synonym(s)** HP Scitex FB221 Yellow Ink  
**Manufacturer information** HP Inc.  
**Company identification** HP Deutschland GmbH  
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## 2. Hazards identification

### GHS classification

|                              |                       |            |
|------------------------------|-----------------------|------------|
| <b>Physical hazards</b>      | Flammable liquids     | Category 4 |
| <b>Health hazards</b>        | Acute toxicity (Oral) | Category 5 |
|                              | Carcinogenicity       | Category 1 |
|                              | Toxic to reproduction | Category 2 |
| <b>Environmental hazards</b> | 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**

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

| Components   | CAS #       | Percent |
|--|-------------|---------|
| Neopentylglycol propoxylate diacrylate                   | 84170-74-1  | <30     |
| Acrylate ester   | Proprietary | <25     |
| 1-vinylhexahydro-2H-azepin-2-one                         | 2235-00-9   | <20     |
| Acrylate Ester   | Proprietary | <20     |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5  | <5      |
| Acrylated Oligoamine Resin                               | Proprietary | <2.5    |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide        | 75980-60-8  | <2.5    |
| Nickel Yellow Pigment                                    | Proprietary | <2.5    |
| Photo Initiator  | Proprietary | <2.5    |
| Fragrance  | Proprietary | <1      |

### 4. First aid measures

#### First aid procedures

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.

**Skin** Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

**Eye** 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, both acute and delayed**

Not available.

**Notes to physician**

Not available.

### 5. Fire-fighting measures

**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 equipment and precautions for firefighters**

Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. Accidental release measures

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Wear appropriate personal protective equipment. Do not touch or walk through spilled material.  |
| <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>Methods for containment</b>   | Not available.  |
| <b>Methods for cleaning up</b>   | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.    |
| <b>Other information</b>         | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.                             |

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## 7. Handling and storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Avoid contact with skin, eyes and clothing.   |
| <b>Storage</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. |

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## 8. Exposure controls / personal protection

|  |  |
|--|--|
| <b>Occupational exposure limits</b>      | No exposure limits noted for ingredient(s).  |
| <b>Biological limit values</b>           | No biological exposure limits noted for the ingredient(s).   |
| <b>Exposure guidelines</b>               | Exposure limits have not been established for this product.  |
| <b>Recommended monitoring procedures</b> | Not available.   |
| <b>Personal protective equipment</b>     |  |
| <b>Eye/face protection</b>               | Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.   |
| <b>Skin protection</b>                   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>            | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.   |
| <b>Hand protection</b>                   | Wear appropriate chemical resistant gloves.  |
| <b>General hygiene considerations</b>    | 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. |

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## 9. Physical and chemical properties

|   |                                   |
|---|-----------------------------------|
| <b>Appearance</b>                                     |                                   |
| <b>Physical state</b>                                 | Liquid.                           |
| <b>Color</b>  | Yellow                            |
| <b>Form</b>   | Liquid.                           |
| <b>Odor</b>   | Characteristic.                   |
| <b>Odor threshold</b>                                 | Not available.                    |
| <b>pH</b>   | Not available.                    |
| <b>Melting point/Freezing point</b>                   | Not available.                    |
| <b>Boiling point</b>                                  | Not available.                    |
| <b>Flash point</b>                                    | > 149.0 °F (> 65.0 °C) Closed Cup |
| <b>Evaporation rate</b>                               | Not available.                    |
| <b>Flammability (solid, gas)</b>                      | Not available.                    |
| <b>Flammability limits in air, lower, % by volume</b> | Not available.                    |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.                    |
| <b>Vapor pressure</b>                                 | Not available.                    |
| <b>Vapor density</b>                                  | Not available.                    |
| <b>Solubility(ies)</b>                                |                                   |
| <b>Solubility (water)</b>                             | 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>VOC (Weight %)</b> | < 95 g/L       |

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## 10. Stability and reactivity

|   |   |
|---|---|
| <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. |

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## 11. Toxicological information

|   |  |
|---|--|
| <b>Toxicological information</b>                          | Not available.   |
| <b>Skin corrosion/irritation</b>                          | Not available.   |
| <b>Serious eye damage/eye irritation</b>                  | Not available.   |
| <b>Specific target organ toxicity - single exposure</b>   | Not available.   |
| <b>Specific target organ toxicity - repeated exposure</b> | Not available.   |
| <b>Other information</b>                                  | Complete toxicity data are not available for this specific formulation |

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## 12. Ecological information

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

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## 13. Disposal considerations

|                         |  |
|-------------------------|--|
| <b>Disposal methods</b> | Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies.<br>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

|             |                                   |
|-------------|-----------------------------------|
| <b>DOT</b>  | Not regulated as dangerous goods. |
| <b>IATA</b> | Not regulated as dangerous goods. |
| <b>IMDG</b> | Not regulated as dangerous goods. |
| <b>ADR</b>  | Not regulated as dangerous goods. |

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## 15. Regulatory information

|                               |   |
|-------------------------------|---|
| <b>Regulatory information</b> | 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/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China. |
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## 16. Other information

|                             |   |
|-----------------------------|---|
| <b>Disclaimer</b>           | 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. |
| <b>SDS sections updated</b> | 1. Product and Company Identification: Synonyms<br>3. Composition / Information on Ingredients: Ingredients<br>9. Physical & Chemical Properties: Multiple Properties<br>15. Regulatory Information: Safety Phrases<br>HazReg Data: Pacific Rim<br>GHS: Qualifiers  |

## Explanation of abbreviations

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

## Manufacturer information

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