# SAFETY DATA SHEET

## 1. Identification

**Product identifier**: CP805Series  
**Other means of identification**  
**Synonyms**: HP FB225 WHITE SCITEX INK  
**Recommended use**: Inkjet printing  
**Recommended restrictions**: None known.  
**Company identification**:  
HP  
1501 Page Mill Road  
Palo Alto, CA 94304-1112  
United States  
Telephone 650-857-5020  

HP health effects line  
(Toll-free within the US) 1-800-457-4209  
(Direct) 1-760-710-0048  
HP Customer Care Line  
(Toll-free within the US) 1-800-474-6836  
(Direct) 1-208-323-2551  
Email: hpcustomer.inquiries@hp.com

## 2. Hazard(s) identification

**Physical hazards**: Not classified.  
**Health hazards**  
- Skin corrosion/irritation: Category 2  
- Serious eye damage/eye irritation: Category 1  
- Sensitization, skin: Category 1  
- Specific target organ toxicity, single exposure: Category 3 respiratory tract irritation  
- Specific target organ toxicity, repeated exposure: Category 1  

**Environmental hazards**: Hazardous to the aquatic environment, long-term hazard: Category 3  

**OSHA defined hazards**: Not classified.  

**Label elements**

**Signal word**: Danger  

**Hazard statement**:  
Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

**Precautionary statement**  
**Prevention**  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P270 - Do not eat, drink or smoke when using this product.  
P264 - Wash hands thoroughly after handling.
### Response

- **P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P310** - Immediately call a POISON CENTER or doctor/physician.
- **P302 + P352** - IF ON SKIN: Wash with plenty of soap and water.
- **P333 + P313** - If skin irritation or rash occurs: Get medical advice/attention.
- **P304 + P340** - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- **P308 + P313** - IF exposed or concerned: Get medical advice/attention.
- **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.

### Disposal

- Dispose of contents/container in accordance with local/regional/national/international regulations.

### Supplemental information

- Contains Glycerolpropoxytriacrylate. May produce an allergic reaction.

### Hazard(s) not otherwise classified (HNOC)

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.

### 3. Composition/information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic urethane acrylate</td>
<td>Proprietary</td>
<td></td>
<td>&lt;40</td>
</tr>
<tr>
<td>Vinyl caprolactam (VCAP)</td>
<td>2235-00-9</td>
<td></td>
<td>&lt;30</td>
</tr>
<tr>
<td>Tetrahydrofurfuryl acrylate</td>
<td>2399-48-6</td>
<td></td>
<td>&lt;15</td>
</tr>
<tr>
<td>Titanium dioxide pigment blend</td>
<td>Proprietary</td>
<td></td>
<td>&lt;15</td>
</tr>
<tr>
<td>2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triyl)tri-2,1-ethanediyl ester</td>
<td>40220-08-4</td>
<td></td>
<td>&lt;10</td>
</tr>
<tr>
<td>Proprietary initiator</td>
<td>Proprietary</td>
<td></td>
<td>&lt;5</td>
</tr>
<tr>
<td>Glycerol, propoxylated, esters with acrylic acid</td>
<td>52408-84-1</td>
<td></td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

### 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.

#### Most important symptoms/effects, acute and delayed

Not available.

### 5. Fire-fighting measures

#### 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.

#### Specific hazards arising from the chemical

Not applicable.

#### Special protective equipment and precautions for firefighters

Not available.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

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.

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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide pigment blend (CAS Proprietary)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide pigment blend (CAS Proprietary)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

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.

Individual protection measures, such as personal protective equipment

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.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards

Not available.

General hygiene considerations

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

Not available.

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

224.6 °F (107.0 °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)

- **Solubility (water)**: Not available.
- **Partition coefficient (n-octanol/water)**: Not available.

Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

**Other information**
For other VOC regulatory data/information see Section 15.

VOC (Weight %)

- 20 g/L Method 24/ASTM D5403-93

**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**

- **Symptoms related to the physical, chemical and toxicological characteristics**: Not available.

**Information on toxicological effects**

- **Acute toxicity**: Based on available data, the classification criteria are not met.

- **Skin corrosion/irritation**: Non-corrosive (OECD 431)

  Causes skin irritation.

- **Serious eye damage/eye irritation**: Causes serious eye damage.

**Respiratory or skin sensitization**

- **Respiratory sensitization**: Based on available data, the classification criteria are not met.

- **Skin sensitization**: May cause sensitization by skin contact.

- **Germ cell mutagenicity**: Based on available data, the classification criteria are not met.

- **Carcinogenicity**: Based on available data, the classification criteria are not met.

  - **IARC Monographs. Overall Evaluation of Carcinogenicity**
    - Titanium dioxide pigment blend (CAS Proprietary) 2B Possibly carcinogenic to humans.

- **Reproductive toxicity**: Based on available data, the classification criteria are not met.

- **Specific target organ toxicity - single exposure**: May cause irritation to the respiratory system.

- **Specific target organ toxicity - repeated exposure**: Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
Aspiration hazard
Based on available data, the classification criteria are not met.

Further 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. This product has not been tested for ecological effects.

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide pigment blend (CAS Proprietary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Mummichog (Fundulus heteroclitus)</td>
</tr>
</tbody>
</table>

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Other adverse effects
Not available.

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.

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

US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312
Hazardous chemical
No
Other federal regulations
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. Massachusetts RTK - Substance List
Titanium dioxide pigment blend (CAS Proprietary)
US. New Jersey Worker and Community Right-to-Know Act
Titanium dioxide pigment blend (CAS Proprietary)
US. Pennsylvania Worker and Community Right-to-Know Law
Titanium dioxide pigment blend (CAS Proprietary)
US. Rhode Island RTK
Not regulated.
US. California Proposition 65
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
TITANIUM DIOXIDE (AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE) (CAS Proprietary)
Listed: September 2, 2011

Other information
VOC content (less water, less exempt compounds) = 20.0 g/L (U.S. requirement, not for emissions)
US EPA Method 24

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.

16. Other information, including date of preparation or last revision
Issue date: 30-Apr-2014
Revision date: 10-Aug-2015
Version #: 07

Disclaimer
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Revision Information
Other information, including date of preparation or last revision: Disclaimer

Manufacturer information
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Palo Alto, CA 94304-1112 US
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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