1. Identification

Product identifier: CP817Series

Other means of identification

Synonyms: HP HDR230 Black Scitex Ink Cartridge

Recommended use: Inkjet printing

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone: 650-857-5020

HP Inc. health effects line
(Toll-free within the 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. Hazard(s) identification

Not classified.

Physical hazards

Skin corrosion/irritation: Category 2

Sensitization, skin: Category 2

OSHA defined hazards

Not classified.

Health hazards

Reproductive toxicity (fertility, the unborn child): Category 2

Specific target organ toxicity, repeated exposure: Category 1 (liver, respiratory system)

Environmental hazards

Hazardous to the aquatic environment, long-term hazard: Category 2

Precautionary statement

Prevention: Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Wear protective gloves/protective clothing. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.
Response
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical attention/advice. Call a POISON CENTER/doctor/physician if you feel unwell. Get medical attention/advice if you feel unwell. Collect spillage. Wash contaminated clothing before reuse.

Storage
Store locked up.

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

Hazard(s) not otherwise classified (HNOC)
Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

Supplemental information
None.

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>Dipropylene Glycol Diacrylate*</td>
<td>Proprietary*</td>
<td>&lt;25</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid ester*</td>
<td>Proprietary*</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester 3*</td>
<td>Proprietary*</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid, Monoalkyl Ester*</td>
<td>Proprietary*</td>
<td>&lt;10</td>
<td></td>
</tr>
<tr>
<td>Glycerol, propoxylated, esters with</td>
<td>Proprietary*</td>
<td>&lt;10</td>
<td></td>
</tr>
<tr>
<td>acrylic acid*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acrylated oligoamine resin</td>
<td>Proprietary</td>
<td>&lt;7.5</td>
<td></td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethyl/benzoyl)</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>phosphine*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substituted Phosphine Oxide*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Vinilcaprolactam*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>2-propanoic Acid, Octyl Ester</td>
<td>2499-59-4</td>
<td>&lt;2.5</td>
<td></td>
</tr>
<tr>
<td>n-Decyl acrylate</td>
<td>2156-96-9</td>
<td>&lt;2.5</td>
<td></td>
</tr>
<tr>
<td>Thioxanthone derivative</td>
<td>Proprietary</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Composition comments
Carbon black is present only in a bound form in this preparation.

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
None known.

Special protective equipment and precautions for firefighters
Not available.

Fire fighting equipment/instructions
Avoid runoff into storm sewers and ditches which lead to waterways.
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
This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

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
Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.

Hand protection
Wear appropriate chemical resistant clothing.

Other

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
Liquid.

Form
Liquid.

Color
Black.

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
> 287.6 °F (> 142.0 °C) Pensky-Martens Closed Cup (Estimated)

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.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
</tr>
<tr>
<td>(n-octanol/water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other information</td>
<td>For other VOC regulatory data/information see Section 15.</td>
</tr>
<tr>
<td>VOC</td>
<td>19 g/l (Estimated)</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under normal storage conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization can occur with decreased inhibitor content.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Exposure to sunlight.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Incompatible with strong bases and oxidizing agents. alkaline metals</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.</td>
</tr>
</tbody>
</table>

### 11. Toxicological information

#### Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Inhalation may result in mild irritation to the respiratory system.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Causes skin irritation. May cause sensitization by skin contact.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Contact with eyes may result in mild irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Ingestion is not a likely route of exposure.</td>
</tr>
</tbody>
</table>

#### Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td></td>
</tr>
</tbody>
</table>

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicological effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Non-corrosive. Not a known irritant. Based on available data, the classification criteria are not met. (OECD 437)</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>May cause sensitization by skin contact.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
</tbody>
</table>

**IARC Monographs. Overall Evaluation of Carcinogenicity**

- Not listed.


- Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

- Not listed.

**Reproductive toxicity**

- Suspected of damaging the unborn child. Suspected of damaging fertility.
### 12. Ecological information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aquatic toxicity</strong></td>
<td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.</td>
</tr>
<tr>
<td><strong>Ecotoxicity</strong></td>
<td>No ecotoxicity data noted for the ingredient(s).</td>
</tr>
<tr>
<td><strong>Persistence and degradability</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Bioaccumulative potential</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Mobility in soil</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Other adverse effects</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### 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**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT
- **Transport hazard class(es)**: 9
- **Class**: 9
- **Subsidiary risk**: -
- **Packing group**: III
- **Environmental hazards**: Yes
- **Marine pollutant**: Not available.
- **Special precautions for user**: Not available.

**DOT Supplemental Information**
- DOT Classification only applies to shipments within the US and Puerto Rico.

**IATA**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
- **Transport hazard class(es)**: 9
- **Class**: 9
- **Subsidiary risk**: -
- **Packing group**: III
- **Environmental hazards**: Yes
- **Special precautions for user**: Not available.

**IMDG**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT
- **Transport hazard class(es)**: 9
- **Class**: 9
- **Subsidiary risk**: -
- **Packing group**: III
- **Transport hazard class(es)**: Yes
- **EmS**: F-A, S-F
- **Special precautions for user**: Not available.

**ADR**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
Transport hazard class(es)
- Class: 9
- Subsidiary risk: Not available.
- Hazard No. (ADR): Not available.
- Tunnel restriction code: Not available.
- Packing group: III
- Environmental hazards: Yes
- Special precautions for user: Not available.

ADR; DOT; IATA; IMDG

Marine pollutant

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.
  - Not regulated.
- Superfund Amendments and Reauthorization Act of 1986 (SARA)
  - 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
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  - Acrylic acid ester (CAS Proprietary)
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
  - Not regulated.
Safe Drinking Water Act (SDWA)

US state regulations

Other information

Regulatory information

16. Other information, including date of preparation or last revision

Issue date 13-Apr-2015

Revision date 13-Feb-2019

Version # 08

Other information This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Disclaimer

Revision information Product and Company Identification: Synonyms

Hazard(s) identification: Prevention

Composition / Information on Ingredients: Ingredients

Toxicological information: Carcinogenicity

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

TLM Threshold Limit Value

TSCA Toxic Substances Control Act

VOC Volatile Organic Compounds