



# SAFETY DATA SHEET

## 1. Identification

### Important information

\*\*\* This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. \*\*\*

### 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

650-857-1501

### 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

### Physical hazards

Not classified.

### Health hazards

Skin corrosion/irritation

Category 2

Sensitization, skin

Category 1

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

### OSHA defined hazards

Not classified.

### Label elements



### Signal word

Danger

### Hazard statement

Suspected of damaging fertility. Suspected of damaging the unborn child. Causes skin irritation. May cause an allergic skin reaction. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

### 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. 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.

|  |  |
|--|--|
| <b>Response</b>                                  | 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.  |
| <b>Storage</b>                                   | Store locked up.   |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.<br><br>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. |

**GHS Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                                      | Common name and synonyms | CAS number   | %    |
|--|--------------------------|--------------|------|
| Dipropylene Glycol Diacrylate*                     |                          | Proprietary* | <25  |
| Acrylic acid ester*                                |                          | Proprietary* | <20  |
| Acrylate ester 3*                                  |                          | Proprietary* | <15  |
| Acrylic acid, Monoalkyl Ester*                     |                          | Proprietary* | <10  |
| Glycerol, propoxylated, esters with acrylic acid*  |                          | Proprietary* | <10  |
| Acrylated oligoamine resin                         |                          | Proprietary  | <7.5 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide* |                          | Proprietary* | <5   |
| Substituted Phosphine Oxide*                       |                          | Proprietary* | <5   |
| Vinylcaprolactam*                                  |                          | Proprietary* | <5   |
| 2-propenoic Acid, Octyl Ester                      |                          | 2499-59-4    | <2.5 |
| n-Decyl acrylate                                   |                          | 2156-96-9    | <2.5 |
| Thioxanthone derivative                            |                          | Proprietary  | <2.5 |

**Composition comments** This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

\*Proprietary Carbon black is present only in a bound form in this preparation.

### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>Skin contact</b>                                       | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.  |
| <b>Eye contact</b>  | 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. |
| <b>Ingestion</b>  | If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.                                       |
| <b>Most important symptoms/effects, acute and delayed</b> | Not available.  |

### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Dry powder. Carbon dioxide (CO2). Water may be ineffective.                                  |
| <b>Unsuitable extinguishing media</b>                                | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire. |
| <b>Specific hazards arising from the chemical</b>                    | None known.  |
| <b>Special protective equipment and precautions for firefighters</b> | Not available.   |
| <b>Fire fighting equipment/instructions</b>                          | Avoid runoff into storm sewers and ditches which lead to waterways.                          |

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## 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear appropriate personal protective equipment. Do not touch or walk through spilled material.  |
| <b>Methods and materials for containment and cleaning up</b>               | Not available.  |
| <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. |

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## 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Avoid contact with skin, eyes and clothing.   |
| <b>Conditions for safe storage, including any incompatibilities</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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage. |

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## 8. Exposure controls/personal protection

|  |  |
|--|--|
| <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>Appropriate engineering controls</b>                                      | Not available.   |
| <b>Individual protection measures, such as 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>   |  |
| <b>Hand protection</b>   | Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.   |
| <b>Other</b>   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>  | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.   |
| <b>Thermal hazards</b>   | Not available.   |
| <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>Form</b>   | Liquid.   |
| <b>Color</b>  | Black.  |
| <b>Odor</b>   | Characteristic.   |
| <b>Odor threshold</b>                               | Not available.  |
| <b>pH</b>   | 6.8 - 7.2 Mettler Toledo pH Meter. Temperature 25°C           |
| <b>Melting point/freezing point</b>                 | Not available.  |
| <b>Initial boiling point and boiling range</b>      | Not available.  |
| <b>Flash point</b>                                  | > 287.6 °F (> 142.0 °C) Pensky-Martens Closed Cup (Estimated) |
| <b>Evaporation rate</b>                             | Not available.  |
| <b>Flammability (solid, gas)</b>                    | Not available.  |
| <b>Upper/lower flammability or explosive limits</b> |   |
| <b>Flammability limit - lower (%)</b>               | Not available.  |
| <b>Flammability limit - upper (%)</b>               | Not available.  |
| <b>Explosive limit - lower (%)</b>                  | Not available.  |
| <b>Explosive limit - upper (%)</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>                               | 12.5 - 13.5 cP Cone and Plate Rheometer, Temperature 50°C. C60/1° Sensor. Values recorded at 4000 1/s. |
| <b>Other information</b>                       | For other VOC regulatory data/information see Section 15.  |
| <b>VOC</b>                                     | 19 g/l (Estimated)   |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Not available.  |
| <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. |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation may result in mild irritation to the respiratory system. |
| <b>Skin contact</b> | Causes skin irritation. May cause sensitization by skin contact.    |
| <b>Eye contact</b>  | Contact with eyes may result in mild irritation.                    |
| <b>Ingestion</b>    | Ingestion is not a likely route of exposure.                        |

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

### Information on toxicological effects

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

Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

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

Not listed.

**Reproductive toxicity** Suspected of damaging the unborn child. Suspected of damaging fertility.

|   |   |
|---|---|
| <b>Specific target organ toxicity - single exposure</b>   | Based on available data, the classification criteria are not met.                           |
| <b>Specific target organ toxicity - repeated exposure</b> | Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. |
| <b>Aspiration hazard</b>                                  | Based on available data, the classification criteria are not met.                           |
| <b>Further information</b>                                | Complete toxicity data are not available for this specific formulation                      |

## 12. Ecological information

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

## 13. Disposal considerations

|                              |  |
|------------------------------|--|
| <b>Disposal instructions</b> | Do not dispose of together with general office waste.<br>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.<br>Ensure collection and disposal with an appropriately licensed waste contractor. |
|------------------------------|--|

## 14. Transport information

### DOT

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

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

### IATA

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

### IMDG

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

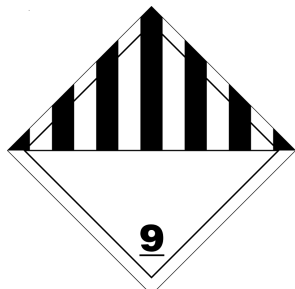
### ADR

|                                |   |
|--------------------------------|---|
| <b>UN number</b>               | UN3082  |
| <b>UN proper shipping name</b> | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates) |

**Transport hazard class(es)**

**Class** 9  
**Subsidiary risk** -  
**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**



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## 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 regulated.

**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**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

|                                       |  |
|---------------------------------------|--|
| <b>Safe Drinking Water Act (SDWA)</b> | Not regulated.   |
| <b>US state regulations</b>           | Not Listed   |
| <b>Other information</b>              | VOC content (less water, less exempt compounds) = 19 g/L (U.S. requirement, not for emissions)   |
| <b>Regulatory information</b>         | US EPA Method 24<br>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, including date of preparation or last revision

|                             |  |
|-----------------------------|--|
| <b>Issue date</b>           | 13-Apr-2015  |
| <b>Revision date</b>        | 04-Mar-2020  |
| <b>Version #</b>            | 09   |
| <b>Other information</b>    | This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).   |
| <b>Disclaimer</b>           | This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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>Revision information</b> | Identification: Important information<br>Hazard(s) identification: Prevention<br>Hazard(s) identification: GHS Signal Words<br>3. Composition / Information on Ingredients: Disclosure Overrides<br>Composition/information on ingredients: Composition comments<br>Physical & Chemical Properties: Multiple Properties<br>HazReg Data: Europe - EU<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  |