1. Identification

Product identifier  CH219Series
Other means of identification
   Synonyms  HP Scitex FB250 Black Ink
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

Physical hazards  Not classified.
Health hazards
   Skin corrosion/irritation  Category 2
   Serious eye damage/eye irritation  Category 2A
   Sensitization, skin  Category 1
   Reproductive toxicity  Category 2
   Specific target organ toxicity, repeated exposure  Category 1

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

OSHA defined hazards  Not classified.

Label elements

Signal word  Danger
Hazard statement  Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility. 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 handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.
**Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. 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. Collect spillage. Take off contaminated clothing and wash 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>Acrylic acid ester*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;40</td>
</tr>
<tr>
<td>Carboxylic Acids, Esters*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;25</td>
</tr>
<tr>
<td>Vinilcaprolactam*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;25</td>
</tr>
<tr>
<td>Difunctional acrylic monomer*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;10</td>
</tr>
<tr>
<td>Acrylate ester 5*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;5</td>
</tr>
<tr>
<td>Aliphatic urethane acrylate*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;5</td>
</tr>
<tr>
<td>Alkyl Acrylate Ester*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphine*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;5</td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td>1333-86-4</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>2-benzyl-2-dimethylamino-4-morpholinobutyrophenone</td>
<td>119313-12-1</td>
<td></td>
<td>&lt;1</td>
</tr>
<tr>
<td>Benzophenone</td>
<td></td>
<td>119-61-9</td>
<td>&lt;1</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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>PEL</td>
<td>3.5 mg/m³</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>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3 mg/m³</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
</tbody>
</table>

US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzophenone (CAS 119-61-9)</td>
<td>TWA</td>
<td>0.5 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
Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.

Hand protection
Wear appropriate chemical resistant clothing.

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

Respiratory protection
Not available.

Thermal hazards
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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Form</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Liquid</td>
<td>Black</td>
</tr>
</tbody>
</table>
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

Information on likely routes of exposure

Inhalation
Inhalation may result in mild irritation to the respiratory system.

Skin contact
Causes skin irritation. May cause sensitization by skin contact.

Eye contact
Causes serious eye irritation.

Ingestion
Ingestion is not a likely route of exposure.

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.
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 10000 mg/kg</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Causes skin irritation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Causes serious eye irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitization</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Based on available data, the classification criteria are not met.</td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>May cause sensitization by skin contact.</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data, the classification criteria are not met.</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>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. Based on available data, the classification criteria are not met. Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).</td>
<td></td>
</tr>
</tbody>
</table>

### IARC Monographs. Overall Evaluation of Carcinogenicity
- Benzophenone (CAS 119-61-9) 2B Possibly carcinogenic to humans.
- Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

### 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 fertility.

### Specific target organ toxicity - single exposure
Based on available data, the classification criteria are not met.

### 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**
  Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.
- **Ecotoxicity**
  No ecotoxicity data noted for the ingredient(s).
- **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.
- **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)

Class 9
Subsidiary risk -
Packing group III
Environmental hazards Yes
Special precautions for user Not available.

IATA Supplemental Information When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

IMDG
UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT

Transport hazard class(es)

Class 9
Subsidiary risk -
Packing group III

Marine pollutant Yes
EmS F-A, S-F
Special precautions for user Not available.

IMDG Supplemental Information When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

ADR
UN number UN3082
UN proper shipping name 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 Supplemental Information When shipping ≤ 5L containers, ADR 375 may apply.

ADR; IATA; IMDG

Marine pollutant
15. Regulatory information

US federal regulations
This product is listed on the U.S. EPA TSCA Inventory.
US TSCA 12(b): Contains 2,4-diethyl-9h-thioxanthen-9-one; Benzophenone, subject to export notification requirements.
US TSCA 4(a): Contains Benzophenone, subject of a test rule at 40 CFR Section 799.5115.
TSCA Section 5(a)(2) Significant New Use Rules: This product contains 2,4-diethyl-9h-thioxanthen-9-one which is subject to a Significant New Use Rule at 40 CFR Section 721.9664.
US TSCA 8(a) PAIR: heptane; 4-Methoxyphenol
SARA 302/304/311/312 hazardous chemicals: tridecyl acrylate; C.I. Pigment Black 7

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Benzophenone (CAS 119-61-9) 0.1 % One-Time Export Notification only.

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
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)
Not regulated.

US state regulations
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
BENZOPHENONE (CAS 119-61-9) Listed: June 22, 2012
CARBON BLACK (AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE [<= 10 MICROMETERS]) (CAS 1333-86-4) Listed: February 21, 2003

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
Benzophenone (CAS 119-61-9)
Carbon black (CAS 1333-86-4)

Other information
VOC content (less water, less exempt compounds) = < 95 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

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 29-Apr-2014
Revision date 18-Jul-2018
Version # 12

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

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.

Revision information
Hazard(s) identification: Hazard statement
Hazard(s) identification: Disposal
Hazard(s) identification: Prevention
Hazard(s) identification: Response
Hazard(s) identification: Hazard(s) not otherwise classified (HNOC)
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Toxicological information: Eye contact
Toxicological information: Ingestion
Toxicological information: Inhalation
Toxicological information: Skin contact
Other information, including date of preparation or last revision: Disclaimer

Explanation of abbreviations

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