1. Identification

Product identifier | CP780C
Other means of identification
Synonyms | HP HDR240 Black 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 2A
Sensitization, skin | Category 1
Reproductive toxicity | Category 2
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 2

OSHA defined hazards | Not classified.

Label elements

Signal word | Danger
Hazard statement | Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility. May cause respiratory irritation. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic 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.
P202 - Do not handle until all safety precautions have been read and understood.
P201 - Obtain special instructions before use.
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
**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.

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.

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.

P391 - Collect spillage.

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.

**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 components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.

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.

**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></td>
<td>48145-04-6</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Vinyl caprolactam (VCAP)</td>
<td></td>
<td>2235-00-9</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Octyl decyl acrylate</td>
<td></td>
<td>Proprietary</td>
<td>&lt;15</td>
</tr>
<tr>
<td>Acrylate ester</td>
<td></td>
<td>5888-33-5</td>
<td>&lt;7.5</td>
</tr>
<tr>
<td>Aliphatic urethane acrylate</td>
<td></td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td>1333-86-4</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6 - trimethylbenzoyl) phosphine</td>
<td></td>
<td>75980-60-8</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Urethane acrylate oligomer A</td>
<td></td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Urethane acrylate oligomer B</td>
<td></td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Acrylated oligoamine resin</td>
<td></td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Glycerol, propoxylated, esters with acrylic acid</td>
<td></td>
<td>52408-84-1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Substituted phosphine oxide</td>
<td></td>
<td>Proprietary</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**
Not applicable.

**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**

<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>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Inhalable fraction.</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>

**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: Liquid.
- Color: Black.

Odor

Characteristical.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

> 230.0 °F (> 110.0 °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 %)

18 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
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye irritation. Caused moderate irritation in rabbit (OECD 405).

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
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.

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

Reproductive toxicity
Suspected of damaging fertility.

Specific target organ toxicity
May cause irritation to the respiratory system.

Specific target organ toxicity
Carcinogenicity
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.

Components
<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>Oral LD50 Rat &gt; 8000 mg/kg</td>
</tr>
</tbody>
</table>

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.

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

ADR

Proper shipping name: Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
Hazard class: 9
UN number: 3082
Packing group: III
Marine pollutant: Yes
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
Carbon black (CAS 1333-86-4)

US. New Jersey Worker and Community Right-to-Know Act
Carbon black (CAS 1333-86-4)

US. Pennsylvania Worker and Community Right-to-Know Law
Carbon black (CAS 1333-86-4)

US. Rhode Island RTK
Not regulated.

US. California Proposition 65

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
CARBON BLACK (AIRBORNE, UBOUND PARTICLES OF RESPIRABLE SIZE [<= 10 MICROMETERS]) (CAS 1333-86-4)
Listed: February 21, 2003

Other information
VOC content (less water, less exempt compounds) = 18 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 15-Aug-2014
Revision date 08-Aug-2015
Version # 06

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.

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

Manufacturer information
HP
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628

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