1. Product and Company Identification

Material name: CH138Series
Version #: 03
Issue date: 13-Mar-2013
Revision date: 12-Nov-2013
Product use: Inkjet printing
CAS #: Mixture
Synonym(s): HP SC200 Black Ink
Company identification: Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-5020
Hewlett-Packard 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. Hazards Identification

Emergency overview: Irritating to eyes and skin.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Potential health effects:

- Eyes: Irritating to eyes.
- Skin: Avoid contact with skin. Contact causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
- Inhalation: Avoid breathing vapors or mists of this product. Inhalation of vapors or mists of the product may be irritating to the respiratory system. Inhalation may cause drowsiness or dizziness.
- Ingestion: Ingestion is not expected to be a primary route of exposure for this product under normal use conditions. Harmful if swallowed.

Other hazards: Proprietary initiator - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-phenoxy-ethyl-acrylate</td>
<td>48145-04-6</td>
<td>&lt;40</td>
</tr>
<tr>
<td>CARBOXYLIC ACIDS, ESTERS</td>
<td>3076-04-8</td>
<td>&lt;25</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Acrylate Ester resin</td>
<td>Proprietary</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Alkyl Acrylate Ester</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Proprietary initiator</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>1-Butanone, 2-(dimethy lamino)-1- [4-(4-morpholinyl)phenyl]-2- (phenylmethyl)-</td>
<td>119313-12-1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Non-hazardous components</td>
<td>CAS #</td>
<td>Percent</td>
</tr>
<tr>
<td>Aliphatic Urethane Acrylate</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>
4. First Aid Measures

General advice
No information

First aid procedures
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.

Skin contact
Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

Inhalation
Move to fresh air. If symptoms persist, 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.

5. Fire Fighting Measures

Flammable properties
None known.

Extinguishing media
Suitable extinguishing media
Dry powder. Carbon dioxide (CO2). Water may be ineffective.

Unsuitable extinguishing media
Water.

Protection of firefighters
Avoid runoff into storm sewers and ditches which lead to waterways.

Fire fighting equipment/instructions
Not available.

6. Accidental Release Measures

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

Environmental precautions
Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

Methods for cleaning up
Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Other information
Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

Handling
Avoid contact with skin, eyes and clothing.

Storage
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

Exposure guidelines
Exposure limits have not been established for this product.

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.
Wear appropriate chemical resistant clothing.

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

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 & Chemical Properties

Appearance
Not available.
Physical state: Liquid.
Form: Liquid.
Color: Black.
Odor: Characteristic.
PH: Not available.
Vapor pressure: Not available.
Boiling point: Not available.
Melting point/Freezing point: Not available.
Solubility (water): <= 0.1 g/g
Specific gravity: Not available.
Flash point: Not available.
Viscosity: 10 - 30 cP
VOC: < 95 g/L
Other information: For other VOC regulatory data/information see Section 15.

10. Chemical Stability & Reactivity Information
Chemical stability: Stable under normal storage conditions.
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.
Possibility of hazardous reactions: Hazardous polymerization can occur with decreased inhibitor content.

11. Toxicological Information
Carcinogenicity: No data available.
Serious eye damage/eye irritation: Not available.
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.
Ecotoxicity: No data available.
Persistence and degradability: Not available.
Bioaccumulation / Accumulation:

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.
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 and 4-methoxyphenol, subject to export notification requirements.

US TSCA 4(a): Contains 4-methoxyphenol and 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.

TSCA 8(a) PAIR: 4-Methoxyphenol

SARA 302/304/311/312 hazardous chemicals: C.I. Pigment Black 7; tridecyl acrylate

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Not listed.

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Not regulated.

**DEA Exempt Chemical Mixtures Code Number**

Not regulated.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Immediate Hazard - No
- Delayed Hazard - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

No

**SARA 311/312 Hazardous chemical**

No

**Other information**

All ingredients are listed on EINECS and/or ELINCS or exempt. 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)

**Other regulations**

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.

**State regulations**

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**US. Rhode Island RTK**

Not regulated.

16. Other Information

**HMIS® ratings**

- Health: 2
- Flammability: 1
- Physical hazard: 2
- Personal protection:

**NFPA ratings**

- Health: 2
- Flammability: 1
- Instability: 2
Material name: CH138Series
10956 Version #: 03 Revision date: 12-Nov-2013 Issue date: 13-Mar-2013