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 HP Indigo ElectroInk Black for use with HP Indigo Digital Press WS6000 series, W7200 series, 7000 series and 8000 Q4133C

Other means of identification

Synonyms Part Number Q4133C


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 Not classified.

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement Not available.

Precautionary statement

Prevention Not available.

Response Not available.

Storage Not available.

Disposal Not available.

Hazard(s) not otherwise classified (HNOC) 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 This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

3. Composition/information on ingredients

Mixtures

Material name: Q4133C

14682 Version #: 06 Revision date: 02-Mar-2021 Issue date: 07-Apr-2018
### Chemical names

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkanes C11-15 iso</td>
<td></td>
<td>90622-58-5</td>
<td>&lt;80</td>
</tr>
<tr>
<td>Trade secret*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;15</td>
</tr>
<tr>
<td>C.I.P.B 7 No. 77266*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

### Composition comments

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

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

### 4. First-aid measures

#### Inhalation

If overcome by vapor, remove person from exposure to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.

#### Skin contact

Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

#### 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.

Do not apply neutralizing agents.

#### Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

If ingestion of a large amount does occur, seek medical attention.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Suitable extinguishing media: Dry chemical, CO2, water spray or regular foam.

#### Unsuitable extinguishing media

None known.

#### Specific hazards arising from the chemical

None known.

#### Special protective equipment and precautions for firefighters

Not available.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment.

#### 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.

### 7. Handling and storage

#### Precautions for safe handling

Avoid prolonged or repeated skin contact with this material. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

#### Conditions for safe storage, including any incompatibilities

Keep away from excessive heat or cold. Store in a cool and shaded area. Do not store in direct sunlight.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I.P.B 7 No. 77266</td>
<td>PEL</td>
<td>3.5 mg/m³</td>
</tr>
</tbody>
</table>

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Material name: Q4133C

14682   Version #: 06   Revision date: 02-Mar-2021   Issue date: 07-Apr-2018
ACGIH
Value Components Type Value
Trade Secret STEL 143 mg/m3
TWA 3 mg/m3

US. ACGIH Threshold Limit Values
Components Type Value Form
C.I.P.B 7 No. 77266 TWA 3 mg/m3 Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards
Value Components Type Value
C.I.P.B 7 No. 77266 TWA 0.1 mg/m3

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 75%. TWA = 171ppm (1200 mg/m3).

Appropriate engineering controls
Use in a well ventilated area.

Individual protection measures, such as personal protective equipment
- Eye/face protection Not available.
- Skin protection
   - Hand protection Not available.
   - Other Not available.
- Respiratory protection Not available.
- Thermal hazards Not available.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance Paste
- Physical state Solid.
- Form Not available.
- Color Black.

Odor mild hydrocarbon-like

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not available.

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.

Vapor density Not available.

Solubility(ies)
- Solubility (water) Not soluble

Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

Other information:
- Oxidizing properties: Not applicable.
- Specific gravity: 0.82
- VOC: 609 g/L (5.08 lbs/gal. US)

10. Stability and reactivity
Reactivity: Not available.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: Will not occur.
Conditions to avoid: This product may react with strong oxidizing agents.
Incompatible materials: This product may react with strong oxidizing agents.
Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information
Information on likely routes of exposure:
- Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- Skin contact: Contact with skin may result in mild irritation.
- Eye contact: Contact with eyes may result in mild irritation.
- Ingestion: Ingestion is not a likely route of exposure. Health injuries are not known or expected under normal use.

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>C.I.P.B 7 No. 77266</td>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td>Acute</td>
<td>LD50</td>
<td>LD50 &gt; 10000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified.
Serious eye damage/eye irritation: Not classified.
Respiratory or skin sensitization:
- Respiratory sensitization: Not classified.
- Skin sensitization: Not classified.
- Germ cell mutagenicity: Not classified.
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.

IARC Monographs. Overall Evaluation of Carcinogenicity
C.I.P.B 7 No. 77266 (CAS Proprietary) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity: Not classified.
Specific target organ toxicity - single exposure  Not classified.
Specific target organ toxicity - repeated exposure  Not classified.
Aspiration hazard  Not classified.
Further information  Complete toxicity data are not available for this specific formulation

Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological information

Aquatic toxicity  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  Dispose of in compliance with federal, state, and local regulations.

14. Transport information

DOT

UN number  Not available.
UN proper shipping name  Not Regulated.
Transport hazard class(es)  Not available.
Class  Not available.
Subsidiary risk  -
Packing group  Not available.
Environmental hazards  Not available.
Marine pollutant  No
Special precautions for user  Not available.

IATA

UN number  Not available.
UN proper shipping name  Not Regulated.
Transport hazard class(es)  Not available.
Class  Not available.
Subsidiary risk  -
Packing group  Not available.
Environmental hazards  No.
Special precautions for user  Not available.

IMDG

UN number  Not available.
UN proper shipping name  Not Regulated.
Transport hazard class(es)  Not available.
Class  Not available.
Subsidiary risk  -
Packing group  Not available.
Transport hazard class(es)  No.
Marine pollutant  Not available.
EmS  Not available.
Special precautions for user  Not available.

ADR

UN number  Not available.
UN proper shipping name  Not Regulated.
Transport hazard class(es)  Not available.
Class  Not available.
Subsidiary risk  -
### Hazard No. (ADR)
Not available.

### Tunnel restriction code
Not available.

### Packing group
Not available.

### Environmental hazards
Not available.

### Special precautions for user
No.

**Further information**
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.
Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

### 15. Regulatory information

#### US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

US TSCA 12(b): Does not contain listed chemicals.

**Toxic Substances Control Act (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 listed.

**Supervision Amendments and Reauthorization Act of 1986 (SARA)**
- **SARA 302 Extremely hazardous substance**
  Not listed.

**Other federal regulations**
- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  No intentionally added HAP substances.
- **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**
- **California Proposition 65**
  - **California Proposition 65 - CRT: Listed date/Carcinogenic substance**
    
    | Substance                | Listed Date |
    |--------------------------|-------------|
    | C.I.P.B 7 No. 77266 (CAS Proprietary) | February 21, 2003 |
  - **US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**
    
    | Substance                | Listed Date |
    |--------------------------|-------------|
    | C.I.P.B 7 No. 77266 (CAS Proprietary) | February 21, 2003 |

**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**

<table>
<thead>
<tr>
<th>07-Apr-2018</th>
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**Revision date**

<table>
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<tr>
<th>02-Mar-2021</th>
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**Version #**

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</table>

**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.

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