1. Identification of the chemical and information about the manufacturer or supplier

1.1 Identification of the chemical products

1.1.1 Technical name
HP Color LaserJet W9030MC Black Print Cartridge

Other means of identification
None.

1.1.2 Recommended use of the chemical and restrictions on use

Recommended use
This product is a black toner preparation that is used in HP color LaserJet MFP E67550/HP color LaserJet MFP E67560 series printers.

Limitations on use
None known.

1.2 Manufacturer/Importer/Supplier/Distributor information

1.2.1 Manufacturer
ZAO Hewlett-Packard A.O.
Highway Leningradskoe, House 16A, Building 3, 125171, Moscow

Telephone
7 495 797-3500

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

2.1. Hazard identification of chemical product as a whole (classification according to GOST 12.1.007-76 and GHS)

Classification according to GOST 12.1.007-76
Not available.

GHS classification
Physical hazards
Not classified.
Health hazards
Not classified.
Environmental hazards
Not classified.

2.2 Labeling elements in compliance with GOST 31340-2013

2.2.1 Signal word
None.

2.2.2 Symbols
None.

2.2.3 Hazard statement
Not available.

Precautionary statement

Prevention
Not available.

Response
Not available.

Storage
Not available.

Disposal
Not available.

Other hazards
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

3.1 Information on product as a whole

3.1.1 Chemical name (IUPAC)
W9030MC

3.1.2 Chemical formula
UVCB (1333-86-4), UVCB (1333-86-4), O2Si (7631-86-9), O2Si (7631-86-9), O2-Ti (13463-67-7), O2-Ti (13463-67-7)
3.1.3 General description of the composition (taking into account the brand assortment; preparation method)

Not applicable.

3.2 Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Concentration by weight (%)</th>
<th>Hygienic standards in the working area</th>
<th>CAS-No.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAC, mg/m³</td>
<td>TSEL, mg/m³</td>
<td>Hazard classification</td>
<td></td>
</tr>
<tr>
<td>Styrene acrylate copolymer</td>
<td>&lt;85</td>
<td></td>
<td>CBI</td>
<td>-</td>
</tr>
<tr>
<td>Carbon black</td>
<td>&lt;10</td>
<td></td>
<td>1333-86-4</td>
<td>215-609-9</td>
</tr>
<tr>
<td>Wax</td>
<td>&lt;10</td>
<td></td>
<td>CBI</td>
<td>-</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>&lt;3</td>
<td>3</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>&lt;1</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

4.1. Observed symptoms

4.1.1 In case of exposure via inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

4.1.2 In contact with skin

Contact with skin may result in mild irritation.

4.1.3 In contact with eyes

Contact with eyes may result in mild irritation.

4.1.4 In case of exposure via ingestion

Ingestion is not a likely route of exposure.

4.2 First-aid measures to be provided to victims

4.2.1 In case of exposure via inhalation

Move person to fresh air immediately. If irritation persists, consult a physician.

4.2.2 In contact with skin

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

4.2.3 In contact with eyes

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, consult a physician.

4.2.4 In case of exposure via ingestion

Rinse mouth out with water. Drink one to two glasses of water. If symptoms occur, consult a physician.

4.2.5 Contraindications

Not available.

5. Fire-fighting and explosion safety measures and means

5.1 General characteristics of fire-explosion properties

Not available.

5.2 Fire-explosion indicators

Not available.

5.3 Combustion and/or thermal destruction products and hazards arising from these

CO₂, water, or dry chemical

5.4 Recommended extinguishing media

None known.

5.5 Forbidden extinguishing media

Not available.

5.6 Special protective equipment for firefighters

Not available.

5.7 Specific extinguishing methods

None established.

Special fire fighting procedures

If fire occurs in the printer, treat as an electrical fire.

6. Accident and emergency prevention and response measures and their consequences

6.1 Measures to prevent harmful effects on people, environment, buildings, constructions, etc. in case of accidents and emergencies

6.1.1 General required actions in case of an accident or emergency

Minimize dust generation and accumulation.
6.1.2 Personal protection equipment in case of the accident

6.2 Procedures for the elimination of accidents and emergencies

6.2.1 Procedures in case of leaks, spills, splashes

6.2.2 Actions in case of fire

Environmental precautions

7. Storage and handling requirements of chemicals during loading and unloading

7.1 Safety precautions when handling chemical products

7.1.1 Technical safety measures

7.1.2 Environmental protection measures

7.1.3 Recommended safe handling and transportation advice

7.2 Chemical storage requirements

7.3 Safety measures and storage requirements at domestic use

8. Equipment for monitoring exposure and personal protective equipment

8.1 Parameters of the working area that require monitoring

Occupational exposure limits

Russian Federation. Hygiene Norm GN 2.2.5.1313-03. Executive No. 76 of 30 April 2003. Maximum allowable concentration (MAC) of harmful substances in the air of working zones, as amended.

### Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (CAS 7631-86-9)</td>
<td>Ceiling</td>
<td>3 mg/m³</td>
<td>Aerosol.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Aerosol.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

8.2 Measures to ensure the content of harmful substances in the working area below the exposure level concentration

USA OSHA (TWA/PEL): 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction)

ACGIH (TWA/TLV): 10 mg/m³ (Inhalable Particulate), 3 mg/m³ (Respirable Particulate)

Amorphous silica: USA OSHA (TWA/PEL): 20 mppcf 80 (mg/m³)/%SiO₂, ACGIH (TWA/TLV): 10 mg/m³

TRGS 900 (Luftgrenzwert) - 10 mg/m³ (Einatembare partikel), 3 mg/m³ (Alveolengängige fraktion)

UK WEL: 10 mg/m³ (Respirable Dust), 5 mg/m³ (Inhalable Dust)

Appropriate engineering controls

Use in a well ventilated area.

8.3 Worker personal protective equipment

8.3.1 General recommendations

No personal respiratory protective equipment required under normal conditions of use.

8.3.2 Respiratory protection

Not available.

8.3.3 Protective equipment

Eye/face protection

Not available.

Hand protection

Not available.

Other

Not available.

Thermal hazards

Not available.
8.3.4 Personal protection equipment in case of domestic use

9. Physical and chemical properties

9.1 Physical appearance

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Form</td>
<td>solid</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight plastic odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
</tbody>
</table>

9.2 Parameters characterizing basic properties of the product

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point and boiling</td>
<td>Not applicable</td>
</tr>
<tr>
<td>range</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt; 392 °F (&gt; 200 °C)</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive</td>
<td></td>
</tr>
<tr>
<td>limits</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Flammability limit - lower (%)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Negligible in water. Partially soluble in toluene and xylene.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other data</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available.</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>0 % estimated</td>
</tr>
<tr>
<td>Softening point</td>
<td>176 - 266 °F (80 - 130 °C)</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1 - 1.2</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

10.1 Chemical stability

Stable under normal storage conditions.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

10.2 Reactivity

Not available.

10.3 Conditions to avoid

Imaging Drum: Exposure to light

Possibility of hazardous reactions

Will not occur.

Incompatible materials

Strong oxidizers

11. Toxicological information

11.1 General exposure characteristics

Not available.

11.2 Routes of exposure

Not available.

11.3 Affected/target organs, tissues and systems of humans

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.
11.4 Information on health hazards in case of direct exposure to the product and its effect

Effect on upper respiratory tract irritation
Not available.

Respiratory or skin sensitization

Hygiene Norm GN 2.2.5.1313-03. Executive No. 76 of 30 April 2003. Maximum allowable concentration (MAC) of harmful substances in the air of working zones, as amended.

Not listed.

Respiratory sensitization Based on available data, the classification criteria are not met.
Skin sensitization Based on available data, the classification criteria are not met.
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.

11.5 Information on long-term hazardous health effects

Carcinogenicity

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. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Amorphous silica (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans.
Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.
Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Mutagenicity

Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
Based on available data, the classification criteria are not met.

Cumulativeness Not available.

Chronic effects Not available.

11.6 Acute toxicity data

Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>Oral LD50 Rat &gt; 10000 mg/kg</td>
</tr>
</tbody>
</table>

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. Environmental impact information

12.1 General description of the impact on the environment
Not available.

12.2 Routes of exposure to environment
Not available.

12.3 The most important characteristics of the environmental impact

12.3.1 Hygienic standards
Not available.

12.3.2 Ecotoxicity
LC50: > 100 mg/l, Fish, 96.00 Hours

<table>
<thead>
<tr>
<th>Product</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>W9030MC</td>
<td>Aquatic Algae ErC50 Algae &gt; 100 mg/l, 72 Hours</td>
</tr>
<tr>
<td></td>
<td>Crustacea EC50 Crustacea &gt; 100 mg/l, 48 Hours</td>
</tr>
<tr>
<td></td>
<td>Fish LC50 Fish &gt; 100 mg/l, 96 Hours</td>
</tr>
</tbody>
</table>

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>Aquatic Crustacea EC50 Water flea (Daphnia magna) &gt; 1000 mg/l, 48 hours</td>
</tr>
</tbody>
</table>
Components | Species | Test Results
--- | --- | ---
Fish | LC50 Mummichog (Fundulus heteroclitus) | > 1000 mg/l, 96 hours

12.3.3 Biomigration and transformation of the environment due to the biodegradation or other processes
Persistence and degradability | Not available.
Bioaccumulative potential | Not available.
Mobility in soil | Not available.
Other adverse effects | Not available.

13. Recommendations for waste (residues) disposal
13.1 Safety precautions when handling the waste generated during use, storage, transportation
Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

13.2 Information on the location and disposal methods, recycling or disposal of product waste, including packaging | Not available.

13.3 Recommendation on the waste disposal generated during its domestic use | Not available.

14. Transport information
Further information | Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

15. National and international regulatory information
15.1 National legislation
15.1.1 Laws of the Russian Federation | Not available.
15.1.2 Information about the documentation, regulatory requirements for the protection of human health and environment
Sanitary-Epidemiological Rules,1.2.2353-08, Chemical substances, mixtures and products which are carcinogenic factors, 21 April 2008 | Not listed.
Hygiene Norm GN 2.2.5.1313-03. Executive No. 76 of 30 April 2003. Maximum allowable concentration (MAC) of harmful substances in the air of working zones, as amended.
Amorphous silica (CAS 7631-86-9) Aerosol with fibrogenic action.
Titanium dioxide (CAS 13463-67-7) Aerosol with fibrogenic action.
Amorphous silica (CAS 7631-86-9) Midrange hazardous.
Titanium dioxide (CAS 13463-67-7) Slightly hazardous.
15.2 International Conventions and Agreements
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.
Stockholm Convention | Not applicable.
Rotterdam Convention | Not applicable.
Montreal Protocol | Not applicable.
Kyoto protocol | Not applicable.
Basel Convention | Not applicable.

16. Other information
16.1 Information on revision of the SDS
Issue date | 11-Aug-2017
Version # | 01

Material name: W9030MC

SDS RUSSIA
14382 Version #: 01 Issue date: 11-Aug-2017
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

<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>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>