1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name
Toner for HP LaserJet CP1025, HP LaserJet M175, HP LaserJet M275

Part no.
106R02257, 106R02258, 106R02259, 106R02260

Color
Black, Cyan, Magenta, Yellow

Pure substance/mixture
Mixture

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use
Xerographic printing

Details of the supplier of the safety data sheet

For further information, please contact

Contact person
Manager, Environment, Health, Safety & Sustainability

E-mail address
askxerox@xerox.com

Emergency telephone
Safety Information US: (800) 275-9376
Chemical Emergency only (Chemetrec) (800) 424-9300
(703) 527-3887 (collect outside the US or Canada)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Customer use / Cartridges and sealed bottles

OSHA Hazard Classification
This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.

Label elements

Signal Word
None

Hazard Statements
None required

Precautionary Statements
None required
Other hazards
No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin</td>
<td>Proprietary</td>
<td>80-90</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Wax</td>
<td>Proprietary</td>
<td>&lt;10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>0-10</td>
<td>Carc 2 (inhalation)</td>
<td>H351</td>
</tr>
<tr>
<td>Cyan Pigment</td>
<td>147-14-8</td>
<td>0-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Yellow pigment</td>
<td>Proprietary</td>
<td>0-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>Proprietary</td>
<td>0-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>67762-90-7</td>
<td>&lt;2</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

Full text of H- statements: see section 16

4. FIRST AID MEASURES

Description of first-aid measures

For external use only. When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes

Skin contact
Wash skin with soap and water

Inhalation
Move to fresh air

Ingestion
Rinse mouth with water and afterwards drink plenty of water or milk

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes: No known effect
Skin: No known effect
Inhalation: No known effect
Ingestion: No known effect

Chronic toxicity

No known effects under normal use conditions. Repeated or prolonged inhalation may cause irritation of the respiratory tract as can occur with the inhalation of any non-toxic dust. Minimum respiratory or eye irritation may occur as with exposure to large amounts of any non-toxic dust. No known effects under normal use conditions

Main symptoms

Overexposure may cause:
mild respiratory irritation similar to nuisance dust.

Aggravated Medical Conditions

None under normal use conditions

Indication of immediate medical attention and special treatment needed

Protection of first-aiders
No special protective equipment required

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Use water spray or fog; do not use straight streams. Foam

Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire
Special hazards arising from the substance or mixture
Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Hazardous combustion products
Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx)

Special protective actions for fire-fighters
In the event of fire and/or explosion do not breathe fumes. Wear fire/flame resistant/retardant clothing. Use self-contained pressure-demand breathing apparatus if needed to prevent exposure to smoke or airborne toxins.

Other information
Flammable properties Not flammable. Will not readily ignite.
Flash point Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid breathing dust

Environmental precautions
No special environmental precautions required

Methods and material for containment and cleaning up
Methods for containment Prevent dust cloud

Reference to other sections
The environmental impact of this product has not been fully investigated
However, this preparation is not expected to present significant adverse environmental effects.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling Handle in accordance with good industrial hygiene and safety practice
Avoid dust accumulation in enclosed space
Prevent dust cloud

Hygiene measures None under normal use conditions

Conditions for safe storage, including any incompatibilities
Technical measures and storage Keep container tightly closed in a dry and well-ventilated place
Store at room temperature

Incompatible products None

Specific end uses
Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure Limits
ACGIH TLV TWA 10 mg/m³ (inhalable particles)
ACGIH TLV TWA 3 mg/m³ (respirable dust)
OSHA PEL TWA   15 mg/m³ (total dust)
OSHA PEL TWA   5 mg/m³ (respirable dust)
Xerox Exposure Limit 2.5 mg/m³ (total dust)
Xerox Exposure Limit 0.4 mg/m³ (respirable dust)

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wax</td>
<td>TWA: 2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3.5 mg/m³</td>
</tr>
<tr>
<td>Cyan Pigment</td>
<td>TWA: 1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Exposure controls

Engineering measures
None under normal use conditions

Individual protection measures, such as personal protective equipment (PPE)

Respiratory protection
No special protective equipment required.

Eye/Face protection
No special protective equipment required, No special protective equipment required

Skin and body protection
No special protective equipment required, No special protective equipment required

Hand protection
No special protective equipment required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Faint</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Color</td>
<td>Black, Cyan, Magenta, Yellow</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Softening point</td>
<td>49 - 60 °C / 120 - 140 °F</td>
</tr>
</tbody>
</table>

Flammability Limits in Air
Not applicable

Other information

Explosive properties
Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

10. STABILITY AND REACTIVITY

Reactivity
No dangerous reaction known under conditions of normal use

Chemical stability
Stable under normal conditions
Possibility of hazardous reactions

Hazardous reactions: None under normal processing
Hazardous polymerization: Hazardous polymerization does not occur

Conditions to avoid
Prevent dust cloud. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Incompatible materials to avoid
None

Hazardous decomposition products
None under normal use

11. TOXICOLOGICAL INFORMATION

The toxicity data noted below is based on the test results of similar reprographic materials.

Information on toxicological effects

Acute toxicity
Product Information
Irritation: No skin irritation, No eye irritation
Oral LD50: > 5 g/kg (rat)
Dermal LD50: > 5 g/kg (rabbit)
LC50 Inhalation: > 5 mg/L (rat, 4 hr)

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LC50 Inhalation</th>
<th>Dermal LD50</th>
<th>Oral LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wax</td>
<td>3600 mg/kg (Rabbit)</td>
<td>5000 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>3 g/kg (Rabbit)</td>
<td>15400 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>Cyan Pigment</td>
<td>10000 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>3 g/kg (Rabbit)</td>
<td>23 g/kg (Rat)</td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity
Sensitization: No sensitization responses were observed
Neurological Effects: No information available
Target organ effects: None known

CMR Effects
Mutagenic effects: Not mutagenic in AMES Test
Reproductive toxicity: No information available
Carcinogenicity: See “Other Information” in this section.

Chemical Name            | NTP | IARC |
--------------------------|-----|------|
Carbon Black              |     | 2B   |

Other information
The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". However, Xerox has concluded that the presence of carbon black in this mixture does not present a health hazard. The IARC classification is based on studies evaluating pure, "free" carbon black. In contrast, toner is a formulation composed of specially prepared polymer and a small amount of carbon black (or other pigment). In the process of making toner, the small amount of carbon black becomes encapsulated within a matrix. Xerox has performed extensive testing of toner, including a chronic bioassay (test for potential carcinogenicity). Exposure to toner did not produce evidence of cancer in exposed animals. The results were submitted to regulatory agencies and published extensively.

Other toxic effects
Aspiration Hazard: Not applicable
Other adverse effects: None known
12. ECOLOGICAL INFORMATION

Toxicity
- Acute Aquatic Toxicity: On available data, substance is not harmful to aquatic life.
- Chronic Aquatic Toxicity: On available data, substance is not harmful to aquatic life.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td></td>
<td></td>
<td></td>
<td>EC50 &gt; 5600 mg/L 24 h</td>
</tr>
</tbody>
</table>

Persistence and degradability
- Not readily biodegradable

Bioaccumulative potential
- Bioaccumulation is unlikely

Mobility in soil
- Insoluble in water

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyan Pigment</td>
<td>6.6</td>
</tr>
</tbody>
</table>

Other adverse effects
- Presents little or no hazard to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
- Waste Disposal Methods
  - This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging
- No special precautions are needed in handling this material

14. TRANSPORT INFORMATION

- This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Regulatory Status
- This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.
- While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.
Canada
This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
</tbody>
</table>

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Water Act
This product is not regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product is not regulated as a hazardous air pollutant (HAPs) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
Carbon black is regulated under California Proposition 65 only if in the form of “airborne, unbound particles of respirable size”. Toner products do not contain carbon black in the form of “airborne, unbound particles of respirable size”. Therefore, the requirements of Proposition 65 do not apply to this product.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations
Although this product contains substances included in some U.S. State Right-to-Know regulations, the particles are bound in a unique matrix and, therefore, the product does not pose any specific hazard.

16. OTHER INFORMATION

Issuing Date 2014-03-27
Revision Date 2017-04-18
Revision Note (M)SDS sections updated; 3
Full text of H-Statements referred to under sections 2 and 3
H351 - Suspected of causing cancer if inhaled

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.