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

Product Identifier

Product Name
Toner for WorkCentre 7556, Phaser 7800, WorkCentre 7830, WorkCentre 7835, WorkCentre 7845, WorkCentre 7855, WorkCentre 7830i, WorkCentre 7835i, WorkCentre 7845i, Xerox® AltaLink® C8030 Color Multifunction Printer, Xerox® AltaLink® C8035 Color Multifunction Printer, Xerox® AltaLink® C8045 Color Multifunction Printer, Xerox® AltaLink® C8055 Color Multifunction Printer, Xerox® AltaLink® C8070 Color Multifunction Printer, Xerox EC 7836, Xerox EC 7856

Part no.

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
Manufactured by Xerox Corporation
Webster, NY 14580

For further information, please contact
Manager, Environment, Health, Safety & Sustainability
askxerox@xerox.com

Emergency telephone
Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (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
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.
SDS # : A-10026  
Toner - Black, Cyan, Magenta, Yellow

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

Not a PBT according to REACH Annex XIII
May form explosible dust-air mixture if dispersed

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>&lt;80</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Ferrite</td>
<td>66402-68-4</td>
<td>10-20</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Paraffin Wax</td>
<td>8002-74-2</td>
<td>&lt;10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Yellow Pigment</td>
<td>6358-31-2</td>
<td>1-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>1-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Cyan Pigment</td>
<td>147-14-8</td>
<td>1-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>7631-86-9</td>
<td>1-5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Magenta Pigment</td>
<td>980-26-7</td>
<td>1-10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&lt;1</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

"--" indicates no classification or hazard statements apply.

4. FIRST AID MEASURES

Description of first-aid measures

General advice  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

<table>
<thead>
<tr>
<th>Eyes</th>
<th>No known effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No known effect</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No known effect</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known effect</td>
</tr>
</tbody>
</table>

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
- Hazardous combustion products Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx)
- Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Advice 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.
- Wear self-contained breathing apparatus and protective suit

Other information
- Flammability 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
- Methods for cleaning up Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove.

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
conditions
 Store at room temperature

Incompatible products
 None

Specific end uses
 Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV TWA</th>
<th>OSHA PEL TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferrite</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 0.02 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA: 0.1 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>Carbon black</td>
<td>TWA: 1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA: 0.4 mg/m³</td>
<td>(respirable dust)</td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA: 0.4 mg/m³</td>
<td>(respirable dust)</td>
</tr>
<tr>
<td>Carbon black</td>
<td>TWA: 0.1 mg/m³</td>
<td>(respirable dust)</td>
</tr>
</tbody>
</table>

Component Information

Exposed controls

Engineering measures
 None under normal use conditions

Personal protective equipment

Eye/Face protection
 No special protective equipment required

Hand protection
 No special protective equipment required

Skin and body protection
 No special protective equipment required

Respiratory protection
 No special protective equipment required.

Thermal hazards
 None under normal processing

Environmental Exposure Controls
 Keep out of drains, sewers, ditches and waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Faint</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting / Freezing Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling point/Range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Softening point</td>
<td>49 - 60 °C / 120 - 140 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not flammable. Will not readily ignite.</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Vapor pressure: Not applicable
Vapor density: Not applicable
Specific gravity: ~ 1
Water solubility: Negligible
Partition coefficient: Not applicable
Autoignition temperature: Not applicable
Decomposition temperature: Not determined
Viscosity: Not applicable
Explosive properties: Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
Oxidizing properties: Not applicable

Other information:
None

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:
None

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>Paraffin 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>Amorphous silica</td>
<td>&gt;2.2 mg/L (Rat) 1 h</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
<td>&gt;5000 mg/kg (Rat)</td>
</tr>
<tr>
<td>Magenta Pigment</td>
<td>3 g/kg (Rabbit)</td>
<td>23 g/kg (Rat)</td>
<td></td>
</tr>
</tbody>
</table>
Titanium dioxide | 10000 mg/kg (Rat)

**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**: This product does not contain any known or suspected reproductive hazards
- **Carcinogenicity**: See "Other Information" in this section.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NTP</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black</td>
<td></td>
<td>2B</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td></td>
<td>2B</td>
</tr>
</tbody>
</table>

**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.

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". However, Xerox has concluded that the presence of titanium dioxide in this mixture does not present a health hazard. The IARC classification is based on studies in rats using high concentrations of pure, unbound TiO2 particles of respirable size. The Titanium Dioxide Industry REACH Consortium has concluded that these effects were species-specific, attributable to lung overload and not specific to TiO2, i.e. similar effects would also be seen for other low solubility dusts. Toxicological and epidemiological studies do not suggest a carcinogenic effects in humans. In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner.

**Other toxic effects**
- **Aspiration Hazard**: Not applicable
- **Other adverse effects**: None known

**12. ECOLOGICAL INFORMATION**

**Toxicity**
On available data, the mixture / preparation is not harmful to aquatic life

<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>
<tr>
<td>Amorphous silica</td>
<td>440 mg/L EC50 72 h (Pseudokirchneriella subcapitata)</td>
<td>LC50 = 5000 mg/L Brachydanio rerio 96 h</td>
<td></td>
<td>EC50 = 7600 mg/L 48 h</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
Not readily biodegradable

**Bioaccumulative potential**
Bioaccumulation is unlikely

**Mobility in soil**
Insoluble in water

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BR547
### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**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

**Other information**

Although toner is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

### 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>International Inventories</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complies</td>
<td></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.

Titanium dioxide is regulated under California Proposition 65 only if a product results in exposure in the form of "airborne, unbound particles of respirable size". Toner products do not result in exposure to titanium dioxide 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>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</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

<table>
<thead>
<tr>
<th>Issuing Date</th>
<th>2012-05-29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>2018-06-04</td>
</tr>
<tr>
<td>Revision Note</td>
<td>(M)SDS sections updated; 3</td>
</tr>
</tbody>
</table>

**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. 

end