

**Material Safety Data Sheet**

SDS #: P-70050

**Replenisher- Black, Cyan, Magenta & Yellow**

Issuing Date 22-Aug-2024

Revision date 09-Sep-2024

Revision Number 1

**Active**

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

**1.1 Product Identifier Product Identifier**

**Product Name**

Replenisher for Xerox PrimeLink® C9265 Printer, Xerox PrimeLink® C9275 Printer, Xerox PrimeLink® C9281 Printer

**Part no.**

006R04847, 006R04848, 006R04849, 006R04850, 006R04851, 006R04852, 006R04853, 006R04854, 006R04855, 006R04856, 006R04857, 006R04858

**Color**

Cyan, black, 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

**Importer**

**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 (Chemtrec) (800) 424-9300

**For the most current document** <https://safetydatasheets.business.xerox.com>

SECTION 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

This product contains no hazardous ingredients that meet the threshold for classification of the mixture.

**Customer use / Cartridges and sealed bottles**

**OSHA Hazard Classification**

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

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixtures**

Chemical name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard Statements
Resin	Proprietary	60-80	--	--
Ceramic materials	66402-68-4	10-20	--	--
Wax	8002-74-2	5-10	--	--
Yellow Pigment	6358-31-2	0-10	--	--
Carbon black	1333-86-4	0-10	--	--
Magenta pigment	Proprietary	0-10	--	--
Cyan Pigment	147-14-8	0-10	--	--
Silica (Surface Treated)	68909-20-6	<2	STOT RE 2	H373
Titanium dioxide	13463-67-7	<1	Carc (Inhal) 2	H351

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

Full text of H- statements: see section 16

**SECTION 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**

**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

**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

SECTION 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)

**Advice for fire-fighters**

In the event of fire and/or explosion do not breathe fumes. Wear fire/flare 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

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid breathing dust

**Environmental precautions**

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

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent dust cloud  
**Methods for cleaning up** Use an electrically protected vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner, making it difficult to remove

**Reference to other sections**

See section 12 for additional ecological information  
 See Section 13 for additional information

SECTION 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 conditions**

Keep container tightly closed in a dry and well-ventilated place, Store at room temperature

**Incompatible products** None

**Specific end uses**

Xerographic printing

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

<b>ACGIH TLV TWA</b>	10 mg/m <sup>3</sup> (inhalable particles)
<b>ACGIH TLV TWA</b>	3 mg/m <sup>3</sup> (respirable dust)
<b>OSHA PEL TWA</b>	15 mg/m <sup>3</sup> (total dust)
<b>OSHA PEL TWA</b>	5 mg/m <sup>3</sup> (respirable dust)
<b>Xerox Exposure Limit</b>	2.5 mg/m <sup>3</sup> (total dust)
<b>Xerox Exposure Limit</b>	0.4 mg/m <sup>3</sup> (respirable dust)

**Component Information**

Chemical name	ACGIH TLV	OSHA PEL
Ceramic materials	TWA: 5 mg/m <sup>3</sup> TWA: 0.02 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	Ceiling: 5 mg/m <sup>3</sup>
Wax	TWA: 2 mg/m <sup>3</sup>	
Carbon black	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>
Cyan Pigment	TWA: 1 mg/m <sup>3</sup>	
Titanium dioxide	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup>

**Exposure controls**

**Engineering measures** None under normal use conditions

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

<b>Eye/Face protection</b>	No special protective equipment required
<b>Hand protection</b>	No special protective equipment required
<b>Skin and body protection</b>	No special protective equipment required
<b>Respiratory protection</b>	No special protective equipment required.
<b>Thermal hazards</b>	None under normal processing

**Environmental Exposure Controls**

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Appearance</b>	Powder	<b>Odor</b>	Faint
<b>Physical state</b>	Solid	<b>Odor threshold</b>	Not applicable
<b>Color</b>	Cyan, black, Magenta, Yellow	<b>pH</b>	Not applicable
<b>Flash point</b>	Not applicable		
<b>Melting point / freezing point</b>	Not applicable		
<b>Initial boiling point and boiling range</b>	Not applicable		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	Not applicable		
<b>Flammability</b>	Not flammable. Will not readily ignite.		
<b>Flammability Limits in Air</b>	Not applicable		

<b>Vapor pressure @20 °C (kPa)</b>	Not applicable
<b>Relative vapor density</b>	Not applicable
<b>Specific gravity</b>	1 - 2
<b>Water solubility</b>	negligible
<b>Partition coefficient</b>	Not applicable
<b>Autoignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not applicable
<b>Explosive properties</b>	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
<b>Oxidizing properties</b>	Not applicable

**Other information**  
None

**SECTION 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

**Hazardous decomposition products**  
None under normal use

**SECTION 11. TOXICOLOGICAL INFORMATION**

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

**Information on toxicological effects Information on hazard classes as defined in Regulation (EC) No 2020/878**

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

**Component Information**

Chemical name	Inhalation LC50	Dermal LD50	Oral LD50
Wax		3600 mg/kg ( Rabbit )	5000 mg/kg ( Rat )
Carbon black		3 g/kg ( Rabbit )	15400 mg/kg ( Rat )
Cyan Pigment			10000 mg/kg ( Rat )
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**

**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.

Chemical name	NTP	IARC
Carbon black		2B
Titanium dioxide		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.

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 TiO<sub>2</sub> particles of respirable size. Epidemiological studies do not suggest a carcinogenic effect 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

**Information on other hazards**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors

SECTION 12. ECOLOGICAL INFORMATION

**Toxicity**

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

**Component Information**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Carbon black				EC50 > 5600 mg/L 24 h

**Persistence and degradability**

Not readily biodegradable

**Bioaccumulative potential**

Bioaccumulation is unlikely

**Mobility in soil**

Insoluble in water

**Component Information**

Chemical name	Partition coefficient
Cyan Pigment	6.6

**Results of PBT and vPvB assessment**

Not a PBT according to REACH Annex XIII

**Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

**Other adverse effects**

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.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods Disposal considerations**

- Waste Disposal Methods** Can be landfilled or incinerated, when in compliance with local regulations. If incineration is to be carried out, care must be exercised to prevent dust clouds forming.
- 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.

**SECTION 14. TRANSPORT INFORMATION**

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

**SECTION 15. REGULATORY INFORMATION**

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

**OSHA Regulatory Status**

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**

- TSCA** Complies
- DSL/NDSL** Complies

**Legend**

- TSCA** United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	SARA 313 - Threshold Values %
Ceramic materials	66402-68-4	1.0

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

Ceramic materials		X		
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**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical name	CAS No.	Weight-%	Hazardous air pollutants (HAPs) content	VOC Chemicals	Class 1	Class 2
Ceramic materials	66402-68-4	10-20	Present			

**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.

Chemical name	CAS No.	California Proposition 65
Carbon black	1333-86-4	Carcinogen
Titanium dioxide	13463-67-7	Carcinogen

**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.

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ceramic materials		X	X	X	
Wax	X	X	X		
Carbon black	X	X	X	X	
Cyan Pigment		X	X		
Titanium dioxide	X	X	X		

**SECTION 16. OTHER INFORMATION**

**Issuing Date** 22-Aug-2024  
**Revision date** 09-Sep-2024  
**Revision Note** Initial Release

**Full text of H-Statements referred to under sections 2 and 3**

H351 - Suspected of causing cancer if inhaled  
H373 - May cause damage to organs through prolonged or repeated exposure

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**End of Safety Data Sheet**