Safety Data Sheet

SDS # : P-70014

Replenisher- White

Issuing Date 2019-05-01 **Revision Date** 2023-05-25 **Version** 5

Active

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

Product Identifier

Product Name

Replenisher for Xerox Color C60, Xerox Color C70, Xerox PrimeLink® C9065 Printer, Xerox PrimeLink® C9070 Printer

Part no. 006R01799, 006R01803, 676K94090, 676K94180

Color White
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

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://safetysheets.business.xerox.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Carcinogenicity	Category 2

Label elements

GHS Label elements, including precautionary statements

Symbol(s)

Signal Word Warning

Hazard Statements H351 - Suspected of causing cancer if inhaled

Precautionary Statements
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P501 -Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Titanium dioxide	13463-67-7	30-40	Carc (Inhal) 2	H351
Resin	Proprietary	40-50	--	--
Ceramic materials	Proprietary	10-20	--	--
Wax	8002-74-2	<5	--	--

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

Full text of H- statements: see section 16

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

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/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

Use personal protective equipment, 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

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice, Avoid dust formation in confined areas, 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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Xerox Exposure Limit 2.5 mg/m³ (total dust)

Xerox Exposure Limit 0.4 mg/m³ (respirable dust)

Chemical Name	ACGIH TLV	OSHA PEL
Titanium dioxide	TWA: 10 mg/m³	TWA: 15 mg/m³
Ceramic materials	TWA: 5 mg/m³ TWA: 0.02 mg/m³ TWA: 0.1 mg/m³	Ceiling: 5 mg/m³
Wax	TWA: 2 mg/m³	

Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

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

Eye/Face protection None under normal use conditions

Hand protection None under normal use conditions

Skin and body protection None under normal use conditions

Respiratory protection No protective equipment is needed under normal use conditions.

Thermal hazards None under normal processing

Environmental Exposure Controls

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Powder

Physical state Solid

Color White

Odor Faint

Odor threshold Not applicable

pH Not applicable

Flash point Not applicable

Melting / Freezing Point Not applicable

Boiling point/range Not applicable

Softening point 49-60 °C / 120-140 °F

Evaporation rate Not applicable

Flammability Not flammable. Will not readily ignite.

Flammability Limits in Air Not applicable

Vapor pressure Not applicable

Vapor density Not applicable

Specific gravity 1-2

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

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

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Titanium dioxide	10000 mg/kg (Rat)		
Wax	5000 mg/kg (Rat)	3600 mg/kg (Rabbit)	

Chronic toxicity

Sensitization Not expected to be a sensitizer
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.

Chemical Name	IARC
Titanium dioxide	2B

Other information

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_2 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

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

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Insoluble in water

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

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.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods	Dispose of contents/container in accordance with local regulation
Waste from Residues/Unused Products	Dispose of in accordance with local regulations
Contaminated packaging	Dispose of in accordance with local regulations
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 material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
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

U.S. 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		1.0

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		

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Ceramic materials		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
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 Prop. 65
Titanium dioxide	13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations
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Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Titanium dioxide	X	X	X		
Ceramic materials		X	X	X	
Wax	X	X	X		

16. OTHER INFORMATION

Issuing Date 2019-05-01

Revision Date 2023-05-25
Revision Note (M)SDS sections updated:, 3, 4, 11, 15
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.

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