

Safety Data Sheet

SDS #: P-70005

Replenisher - Gold

Issuing Date 2014-11-13

Revision Date 2021-08-19

Version 2

Active

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

Product Identifier

Product Name

Replenisher for Xerox Color 800i Press, Xerox Color 1000i Press

Part no.

006R01664, 006R01665

Color

Gold

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 byXerox Corporation
Webster, NY 14580**For further information, please contact****Contact person**

Manager, Environment, Health, Safety & Sustainability

E-mail address

askxerox@xerox.com

Emergency telephoneSafety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300
(703) 527-3887 (collect outside the US or Canada)**For the most current document** <https://safetysheets.business.xerox.com>

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

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

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Resin	Proprietary	20-30	--	--
Polyester resin	117581-13-2	20-30	--	--
Ceramic materials	66402-68-4	15-20	--	--
Aluminum	7429-90-5	10-15	Pyr. Sol. 1 Water-react. 2 Flam. Sol. 1	H250 H261 H228
Wax	8002-74-2	<10	--	--
Amorphous silica	7631-86-9	<5	--	--
Yellow pigment	Proprietary	<5	--	--
Silica (Surface Treated)	68909-20-6	<1	Acute tox (inhal) 2 STOT RE 2	H330 H373
Titanium dioxide	13463-67-7	<1	Carc 2	H351

"--" 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

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 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

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

Chemical Name	ACGIH TLV	OSHA PEL
Ceramic materials	TWA: 5 mg/m ³ TWA: 0.02 mg/m ³ TWA: 0.1 mg/m ³	Ceiling: 5 mg/m ³
Aluminum	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³
Wax	TWA: 2 mg/m ³	
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³

Exposure controls

Engineering measures None under normal use conditions

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

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

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	Odor	Faint
Physical state	Solid	Odor threshold	Not applicable
Color	Gold	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	None
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	LC50 Inhalation	Dermal LD50	Oral LD50
Wax		3600 mg/kg (Rabbit)	5000 mg/kg (Rat)
Amorphous silica	>2.2 mg/L (Rat) 1 h	>2000 mg/kg (Rabbit)	>5000 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 Effects

Mutagenic effects Not mutagenic in AMES Test
Reproductive toxicity This product does not contain any known or suspected reproductive hazards
Carcinogenicity Contains no ingredient listed as a carcinogen

Chemical Name	NTP	IARC
Titanium dioxide		2B

Other toxic effects

Aspiration Hazard Not applicable
Other adverse effects None known

Information on other hazards

Endocrine disrupting properties No information available

12. ECOLOGICAL INFORMATION

Toxicity

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

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Amorphous silica	440 mg/L EC50 72 h (Pseudokirchneriella subcapitata)	LC50= 5000 mg/L Brachydanio rerio 96 h		EC50 = 7600 mg/L 48 h

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 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.

Chemical Name	California Hazardous Waste Status
Ceramic materials	Toxic
Aluminum	Ignitable

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

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 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

This product does not contain any Proposition 65 chemicals

Chemical Name	CAS No.	California Prop. 65
Titanium dioxide	13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

16. OTHER INFORMATION

Issuing Date 2014-11-13
Revision Date 2021-08-19
Revision Note (M)SDS sections updated:, 3

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

H228 - Flammable solid
H250 - Catches fire spontaneously if exposed to air
H261 - In contact with water releases flammable gases
H330 - Fatal if inhaled
H351 - Suspected of causing cancer if inhaled
H373 - May cause damage to organs through prolonged or repeated exposure

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