

# Safety Data Sheet

SDS # : P-70011

## Toner - Gold

Issuing Date 2019-05-01

Revision Date 2022-03-28

Version 6

Active

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

#### Product Identifier

#### Product Name

CMYK Plus Toner for Xerox Color C60, Xerox Color C70, Xerox PrimeLink® C9065 Printer, Xerox PrimeLink® C9070 Printer

Part no. 006R01795, 006R01802, 676K94060, 676K94170

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 by Xerox Corporation  
Webster, NY 14580

#### For further information, please contact

Contact person

Phone

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>

### 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

<b>Signal Word</b>	None
<b>Hazard Statements</b>	None required
<b>Precautionary Statements</b>	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	<5	--	--
Amorphous silica	7631-86-9	<5	--	--
Yellow pigment	Proprietary	<5	--	--
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

### 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

<b>Protection of first-aiders</b>	No special protective equipment required
<b>Notes to physician</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

<b>Suitable extinguishing media</b>	Use water spray or fog; do not use straight streams, Foam
<b>Unsuitable extinguishing media</b>	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

<b>Flammability</b>	Not flammable. Will not readily ignite.
<b>Flash point</b>	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

<b>Methods for containment</b>	Prevent dust cloud
<b>Methods for cleaning up</b>	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

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice, Avoid dust accumulation in enclosed space, Prevent dust cloud
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<b>Hygiene measures</b>	None under normal use conditions
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### 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

<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>
Aluminum	TWA: 1 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Wax	TWA: 2 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)

<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

## 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>	Gold	<b>pH</b>	Not applicable

<b>Flash point</b>	Not applicable
<b>Melting / Freezing Point</b>	Not applicable
<b>Boiling point/range</b>	Not applicable
<b>Softening point</b>	49 - 60 °C / 120 - 140 °F
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	Not flammable. Will not readily ignite.
<b>Flammability Limits in Air</b>	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	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** See "Other Information" in this section.

Chemical Name	NTP	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<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

### 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 MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for 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/NDL**

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

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

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** 2019-05-01  
**Revision Date** 2022-03-28  
**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  
 H351 - Suspected of causing cancer  
 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.

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