

Version 2

# Safety Data Sheet

SDS #: A-10025

Issuing Date 2012-05-08

Toner Cartridge -	Black,	Cyan,
Magenta, Y	<b>ellow</b>	

Revision Date 2018-01-31

	Activ
1. IDENTIFICATION OF	THE SUBSTANCE/PREPARATION AND OF THE
COMPANY/UNDERTAKI	NG
Product Identifier	
Product Name	
Toner Cartridge	for Phaser 6600, WorkCentre 6605, WorkCentre 6655,
Tonor Carriago	WorkCentre 6655i, Xerox® VersaLink C400, Xerox®
	VersaLink C405 Multifunction Printer
Part no.	106R02225, 106R02226, 106R02227, 106R02228, 106R02229, 106R02230, 106R02231
	106R02232, 106R02233, 106R02234, 106R02235, 106R02236, 106R02237, 106R02238
	106R02239, 106R02240, 106R02241, 106R02242, 106R02243, 106R02244, 106R02245
	106R02246, 106R02247, 106R02248, 106R02249, 106R02250, 106R02251, 106R02252
	106R02744, 106R02745, 106R02746, 106R02747, 106R02748, 106R02749, 106R02750
	106R02751, 106R02752, 106R02753, 106R02754, 106R02755, 106R03106, 106R03107
	106R03108, 106R03500, 106R03501, 106R03502, 106R03503, 106R03508, 106R03508
	106R03510, 106R03511, 106R03512, 106R03513, 106R03514, 106R03515, 106R03516
	106R03517, 106R03518, 106R03519, 106R03520, 106R03521, 106R03522, 106R03523 106R03524, 106R03525, 106R03526, 106R03527, 106R03528, 106R03529, 106R03530
	106R03531, 106R03532, 106R03533, 106R03534, 106R03535, 106R03536, 106R03537
	106R03538, 106R03539
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 sa	
For further information, please	
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 (703) 527-3887 (collect outside the US or Canada)

## 2. HAZARDS IDENTIFICATION

## Classification of the substance or 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



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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

No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

## Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Resin	Proprietary	70-90		
Paraffin wax	8002-74-2	1-10		
Magenta Pigment	980-26-7	0-10		
Cyan Pigment	147-14-8	0-10		
Carbon black	1333-86-4	0-10		
Yellow Pigment	6358-31-2	0-10		
Titanium dioxide	13463-67-7	<1		

## 4. FIRST AID MEASURES

# Description of first-aid measures<br/>General adviceFor external use only. When symptoms persist or in all cases of doubt seek medical advice.<br/>Show this material safety data sheet to the doctor in attendance.<br/>Immediately flush with plenty of water. After initial flushing, remove any contact lenses and<br/>continue flushing for at least 15 minutesSkin contact<br/>Inhalation<br/>IngestionWash skin with soap and water<br/>Move to fresh air<br/>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
Main symptoms	Overexposure may cause:
	mild respiratory irritation similar to nuisance dust.
Aggravated Medical Conditions	None under normal use conditions

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Indication of immediate medical of	tention and anapial tractment needed		
Protection of first-aiders Notes to physician	tention and special treatment needed_ No special protective equipment required Treat symptomatically		
5. FIRE-FIGHTING MEASUR	RES		
<u>Extinguishing media</u> Suitable extinguishing media Unsuitable extinguishing medi	Use water spray or fog; do not use straight streams, Foam <b>a</b> Do not use a solid water stream as it may scatter and spread fire		
Special hazards arising from the s Hazardous combustion produc Hazardous decomposition produc			
	f <b>ighters</b> on do not breathe fumes. Wear fire/flame resistant/retardant clothing. Use self-contained aratus if needed to prevent exposure to smoke or airborne toxins.		
Other information Flammable properties Flash point	Not flammable. Will not readily ignite. Not applicable		
6. ACCIDENTAL RELEASE	MEASURES		
Personal precautions, protective e Avoid breathing dust	quipment and emergency procedures		
Environmental precautions No special environmental precau	tions required		
<u>Methods and material for containn</u> Methods for containment Methods for cleaning up	nent and cleaning up Prevent dust cloud Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove.		
	product has not been fully investigated expected to present significant adverse environmental effects.		
7. HANDLING AND STORAG	GE		
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		



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## Specific end uses

Xerographic printing

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### <u>Control parameters</u> Exposure Limits

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

## Component Information

Chemical Name	ACGIH TLV	OSHA PEL
Paraffin wax	TWA: 2 mg/m <sup>3</sup>	
Cyan Pigment	TWA: 1 mg/m <sup>3</sup>	
Carbon black	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 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)

Respiratory protection	No spe
Eye/Face protection	No spe
Skin and body protection	No spe
Hand protection	No spe

No special protective equipment required. No special protective equipment required No special protective equipment required No special protective equipment required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Appearance Odor threshold pH Flash point Softening point	Powder Not applicable Not applicable Not applicable 49 - 60 °C	/ 120 - 140 °F	Odor Physical state Color Boiling point/range Autoignition temperature	Faint Solid Black, Cyan, Magenta, Yellow Not applicable Not applicable
Flammability	Limits in Air	Not applicable		
Vapor pressu Vapor density Water solubil Viscosity Partition coef Evaporation r Melting point Freezing poin Decompositio Specific grav	/ ity ficient rate /range it on temperature	Not applicable Not applicable Negligible Not applicable Not applicable Not applicable Not determined Not applicable Not determined ~ 1		



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## Other information

Explosive properties

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

## 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 reactionsNone under normal processingHazardous polymerizationHazardous 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 to avoid

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

skin irritation, No eye irritation
5 g/kg (rat)
5 g/kg (rabbit)
5 mg/L (rat, 4 hr)

## **Component Information**

Chemical Name	LC50 Inhalation	Dermal LD50	Oral LD50
Paraffin wax		3600 mg/kg (Rabbit)	5000 mg/kg (Rat)
Magenta Pigment		3 g/kg (Rabbit)	23 g/kg (Rat)
Cyan Pigment			10000 mg/kg (Rat)
Carbon black		3 g/kg (Rabbit)	15400 mg/kg (Rat)
Titanium dioxide			10000 mg/kg (Rat)

<u>Chronic toxicity</u> Sensitization Neurological Effects Target organ effects

No sensitization responses were observed No information available None known

#### CMR Effects

Mutagenic effects Reproductive toxicity Carcinogenicity Not mutagenic in AMES Test No information available See "Other Information" in this section. Page 5/7



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Chemical NameNTPIARCCarbon black2BTitanium dioxide2B

## Other toxic effects

Aspiration HazardNot applicableOther adverse effectsNone known

## 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
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	log Pow
Cyan Pigment	6.6

#### Other adverse effects

Presents little or no hazard to the environment.

13.	DISPOSAL	CONSIDERATIONS
10.	DIJI UJAL	CONSIDERATIONS

#### Disposal considerations

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	

## 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

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#### **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

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.

Chemical Name	CAS No.	California Prop. 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.

16. OTHER INFORMATION	

Issuing Date	2012-05-08
Revision Date	2018-01-31
Revision Note	Update to Format

#### 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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