

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 2020/878 as amended

SDS #: A-10626

**Toner - Black**

Issuing Date 02-09-2021

Revision date 01-09-2025

Revision Number 6

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

**1.1 Product Identifier Product Identifier**

**Product Name** Toner for Xerox® B235 Multifunction Printer, Xerox® B225 Multifunction Printer, Xerox® B230 Printer  
**Part no.** 006R04399, 006R04400, 006R04401, 006R04402, 006R04403, 006R04404, 006R04414, 006R04528, 502S11760, 502S11761  
**Colour** Black

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Recommended Use** Xerographic printing

**1.3 Details of the supplier of the safety data sheet**

**Supplier** Xerox Europe Limited  
Xerox Technology Park  
Dublin Road  
Dundalk  
Co. Louth  
Ireland

**For further information, please contact**

**Contact person** Manager, Environment, Health, Safety & Sustainability  
**Phone** +353 429387410  
**Fax** -  
**E-mail address** askxerox@xerox.com

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

**1.4 Emergency telephone number Emergency telephone**

Not applicable

**SECTION 2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 2020/878.

**2.2 Label elements**

None

**2.3 Other hazards**

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

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard Statements	REACH registration number
Polyester resin	70-85	Proprietary	Not Listed	--	--	--
Carbon black	5-10	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Zinc, bis(3,5-bis(1,1-dimethylethyl)-2-hydroxybenzoato-O1, O2)-, (beta-	0.5-1.5	42405-40-3	403-360-0	Flam. Sol. 1 Acute Tox 4 Aquatic Acute 1 Aquatic Chronic 1	H400 H410 H302 H228	--
Titanium dioxide	<1	13463-67-7	236-675-5	Carc (Inhal) 2	H351	--

Full text of H- statements: see section 16

#### Note

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

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

### SECTION 4. FIRST AID MEASURES

#### 4.1 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 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

#### 4.2 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 effects

##### Chronic toxicity

No known effects under normal use conditions

##### Main symptoms

Overexposure may cause:  
mild respiratory irritation similar to nuisance dust.

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### 4.3 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

## SECTION 5. FIREFIGHTING MEASURES

### 5.1 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

### 5.2 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)

### 5.3 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
<b>Flash point</b>	Not applicable

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust

### 6.2 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

### 6.3 Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent dust cloud
<b>Methods for cleaning up</b>	Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove

### 6.4 Reference to other sections

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

### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for 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

#### 7.2 Conditions for safe storage, including any incompatibilities

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

#### 7.3 Specific end uses

Xerographic printing

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

<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)
<b>Exposure Limits</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

#### 8.2 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

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Powder	<b>Odour</b>	Faint
<b>Physical state</b>	Solid	<b>Odour threshold</b>	Not applicable

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Colour	Black	pH	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>	49 - 60 °C	/	120 - 140 °F
<b>Evaporation rate</b>	Not applicable		
<b>Flammability</b>	Not flammable		
<b>Flammability Limits in Air</b>	Not applicable		
<b>Vapour 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>Oxidising properties</b>	Not applicable		

### 9.2 Other information

None

## **SECTION 10. STABILITY AND REACTIVITY**

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerisation</b>	Hazardous polymerisation does not occur

### 10.4 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

### 10.5 Incompatible Materials

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None

### 10.6 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.*

### 11.1 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

#### Chronic toxicity

Product Information

**Chronic effects**

No known effects under normal use conditions

**Carcinogenicity**

See "Other Information" in this section.

Component Information

**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 effects 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

Product Information

**Sensitisation**

No sensitisation responses were observed

**Mutagenic effects**

Not mutagenic in AMES Test

**Reproductive toxicity**

This product does not contain any known or suspected reproductive hazards

**Target organ effects**

None known

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<b>Other adverse effects</b>	None known
<b>Aspiration Hazard</b>	Not applicable

**11.2 Information on other hazards**

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

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

EC50/72h/algae = >1000 mg/L <b>Chronic Aquatic Toxicity</b>	Toner testing verifies concentration up to 3.5% does not initiate aquatic chronic hazard classification
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**12.2 Persistence and degradability**

Not readily biodegradable

**12.3 Bioaccumulative potential**

Bioaccumulation is unlikely

**12.4 Mobility in soil**

Insoluble in water

**12.5 Results of PBT and vPvB assessment**

Not a PBT according to REACH Annex XIII This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

**12.6 Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

**12.7 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**

**13.1 Waste treatment methods Disposal considerations**

<b>Waste Disposal Method</b>	This material and its container must be disposed of as hazardous waste
<b>Waste codes / waste designations according to EWC</b>	08 03 17*
<b>Other information</b>	Although toner is not an aquatic toxin, microplastics may be a physical hazard to aquatic life

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and should not be allowed to enter drains, sewers, or waterways.

**SECTION 14. TRANSPORT INFORMATION****14.1 UN/ID No**

Not regulated

**14.2 Proper shipping name**

Not regulated

**14.3 Transport hazard class(es)**

Not classified

**14.4 Packing Group**

Not applicable

**14.5 Environmental hazards**

Presents little or no hazard to the environment

**14.6 Special precautions for users**

No special precautions are needed in handling this material

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable

**SECTION 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 2020/878.

**15.2 Chemical Safety Assessment**

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

**SECTION 16. OTHER INFORMATION**

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Revision Note (M)SDS sections updated, 12, Part number 006R04528 added

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

H228 - Flammable solid

H302 - Harmful if swallowed



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H351 - Suspected of causing cancer  
 H400 - Very toxic to aquatic life  
 H410 - Very toxic to aquatic life with long lasting effects

**Additional advice**

**EU Country Specific Exposure Limits**

Chemical name	United Kingdom	Ireland	France	Germany DFG	Netherlands
Carbon black	STEL 7 mg/m <sup>3</sup> TWA 3.5 mg/m <sup>3</sup>	TWA 3 mg/m <sup>3</sup> STEL 15 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup>		
Titanium dioxide	STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		

Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Carbon black	TWA 3 mg/m <sup>3</sup>				TWA 2.0 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 3 mg/m <sup>3</sup>	STEL 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>		

Chemical name	Spain	Portugal	Italy MDLPS	Greece	Romania
Carbon black	TWA 3.5 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> C(A4)		TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>	
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> C(A4)		TWA 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>	STEL 15 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>

Chemical name	Poland	Denmark	Sweden	Finland	Norway
Carbon black	TWA 4 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup>	TLV 3 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup>	TWA 6 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) as amended.

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End of Safety Data Sheet