

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 as amended

SDS #: P-06

**Replenisher - Black**

Issuing Date 2002-08-14

Revision Date 2022-09-16

Version 5

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product Identifier**

**Product Name** Replenisher for Document Centre 535, Document Centre 545, Document Centre 555, CopyCentre C35, CopyCentre C45, CopyCentre C55, CopyCentre C165, CopyCentre C175, CopyCentre 232, CopyCentre 238, CopyCentre 245, CopyCentre 255, CopyCentre 265, CopyCentre 275, WorkCentre M35, WorkCentre M45, WorkCentre M55, WorkCentre Pro 35, WorkCentre Pro 45, WorkCentre Pro 55, WorkCentre Pro 165, WorkCentre Pro 175, WorkCentre M165, WorkCentre M175, WorkCentre 232, WorkCentre 238, WorkCentre 245, WorkCentre 255, WorkCentre 265, WorkCentre 275, WorkCentre Pro 232, WorkCentre Pro 238, WorkCentre Pro 245, WorkCentre Pro 255, WorkCentre Pro 265, WorkCentre Pro 275, WorkCentre 5030, WorkCentre 5050, WorkCentre 5135, WorkCentre 5150, WorkCentre 5632, WorkCentre 5638, WorkCentre 5645, WorkCentre 5655, WorkCentre 5665, WorkCentre 5675, WorkCentre 5687, WorkCentre 5735, WorkCentre 5740, WorkCentre 5745, WorkCentre 5755, WorkCentre 5765, WorkCentre 5775, WorkCentre 5790, WorkCentre Bookmark 40, WorkCentre Bookmark 55

**Part no.** 006R01046, 006R01047, 006R01186, 006R01146, 006R01229, 006R01230, 006R01727, 006R01728, 093K06410, 093K04541, 093K14370, 093K14380, 504K11840

**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** Andy Cosgrove  
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**E-mail address** ehs-europe@xerox.com

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

**1.4 Emergency telephone number**

Not applicable

**2. HAZARDS IDENTIFICATION**

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### 2.1 Classification of the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

### 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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements	REACH Registration Number
Resin	80-90	Proprietary	Not listed	--	--	--
Magnetite	10-20	1317-61-9	215-277-5	--	--	01-2119457646-28-0021
Carbon black	1-5	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Polypropylene wax	<5	9003-07-0	Not listed	--	--	--
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.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>General advice</b>	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.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
<b>Skin contact</b>	Wash skin with soap and water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	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

<b>Eyes</b>	No known effect
<b>Skin</b>	No known effect

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<p><b>Inhalation</b></p> <p><b>Ingestion</b></p> <p><b>Chronic effects</b></p> <p><b>Chronic toxicity</b></p> <p><b>Main symptoms</b></p>	<p>No known effect</p> <p>No known effect</p> <p>None under normal use</p> <p>Overexposure may cause: mild respiratory irritation similar to nuisance dust.</p>
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### 4.3 Indication of immediate medical attention and special treatment needed

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

<p><b>Flammability</b></p> <p><b>Flash point</b></p>	<p>Not flammable</p> <p>Not applicable</p>
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## 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

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**Methods for containment**  
**Methods for 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

### 6.4 Reference to other sections

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

## 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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Xerox Exposure Limit**                      2.5 mg/m<sup>3</sup> (total dust)  
**Xerox Exposure Limit**                      0.4 mg/m<sup>3</sup> (respirable dust)

### 8.2 Exposure controls

**Engineering measures**                      None under normal use conditions

### Personal protective equipment

**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

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### 9.1 Information on basic physical and chemical properties

<b>Appearance</b> <b>Physical state</b> <b>Colour</b>	Powder Solid Black	<b>Odour</b> <b>Odour threshold</b> <b>pH</b>	Faint Not applicable Not applicable
<b>Flash point</b>	Not applicable		
<b>Melting / Freezing Point</b> <b>Boiling point/boiling range</b>	Not applicable Not applicable		
<b>Evaporation rate</b> <b>Flammability</b> <b>Flammability Limits in Air</b>	Not applicable Not flammable Not applicable		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b> <b>Vapour density</b> <b>Specific gravity</b> <b>Water solubility</b> <b>Partition coefficient</b> <b>Autoignition temperature</b> <b>Decomposition temperature</b> <b>Viscosity</b>	Not applicable Not applicable ~ 1 Negligible Not applicable Not applicable Not determined 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

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

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potential dust explosion hazard

### 10.5 Incompatible Materials

None

### 10.6 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.*

### 11.1 Information on toxicological effects

#### Acute toxicity

Product Information

<b>Irritation</b>	.
<b>Oral LD50</b>	No skin irritation, No eye irritation
<b>Dermal LD50</b>	> 5 g/kg (rat)
<b>LC50 Inhalation</b>	> 5 g/kg (rabbit)
	> 5 mg/L (rat, 4 hr)

#### Chronic toxicity

Product Information

**Chronic effects**  
**Carcinogenicity**  
**Other information**

No known effects under normal use conditions  
 See "Other Information" in this section.  
 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

<b>Sensitisation</b>	No sensitisation responses were observed
<b>Mutagenic effects</b>	Not mutagenic in AMES Test
<b>Reproductive toxicity</b>	This product does not contain any known or suspected reproductive hazards
<b>Target organ effects</b>	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**12. ECOLOGICAL INFORMATION**12.1 Toxicity

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

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

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.

**13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods

<b>Waste Disposal Method</b>	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.
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<b>EWC Waste Disposal No.</b>	08 03 18
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<b>Other information</b>	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.
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**14. TRANSPORT INFORMATION**

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**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 Transport in bulk according to MARPOL 73/78 and the IBC Code**

Not applicable

**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 1272/2008

**15.2 Chemical Safety Assessment**

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

**16. OTHER INFORMATION**

**Issuing Date** 2002-08-14  
**Revision Date** 2022-09-16  
**Revision Note** (M)SDS sections updated, 3, 16  
**Full text of H-Statements referred to under sections 2 and 3**  
H351 - Suspected of causing cancer if inhaled

**This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.**

**Disclaimer**



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The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.