

SAFETY DATA SHEET

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

SDS #: P-7010

**Replenisher - Black, Cyan, Magenta,
Yellow**

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

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

1.1 Product Identifier

Product Name Replenisher for Xerox 700 Digital Color Press, Xerox 700i Digital Color Press, Xerox 770 Digital Color Press, Xerox Color 550, Xerox Color 560, Xerox Color C75 Press, Xerox Color J75 Press, Xerox Color 570, Xerox Color C60, Xerox Color C70, Xerox PrimeLink® C9065 Printer, Xerox PrimeLink® C9070 Printer, Xerox Color EC70 Printer

Part no. 006R01375, 006R01376, 006R01377, 006R01378, 006R01379, 006R01380, 006R01381, 006R01382, 006R01383, 006R01384, 006R01385, 006R01386, 006R01521, 006R01522, 006R01523, 006R01524, 006R01525, 006R01526, 006R01527, 006R01528, 006R01529, 006R01530, 006R01531, 006R01532, 006R01655, 006R01656, 006R01657, 006R01658, 006R01659, 006R01660, 006R01661, 006R01662, 006R01734, 006R01735, 006R01736, 006R01737, 006R01738, 006R01739, 006R01740, 006R01741

Colour Black, Cyan, Magenta, Yellow

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 Ltd.
Building 4
Uxbridge Business Park
Sanderson Road
Uxbridge
Middlesex. UB8 1DH
UK

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
Phone ++44 (0)1707 353434
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

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

SDS #: P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

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
Polyester resin	60-80	117581-13-2	Not listed	--	--	--
Ceramic materials	10-20	66402-68-4	266-340-9	--	--	--
Yellow pigment	0-10	6358-31-2	228-768-4	--	--	--
Carbon black	0-10	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Cyan Pigment	0-10	147-14-8	205-685-1	--	--	01-2119458771-32-0044
Amorphous silica	1-5	7631-86-9	231-545-4	--	--	--
Magenta pigment	0-10	980-26-7	213-561-3	--	--	01-2119456804-33-0008
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

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

SDS # : P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

<p>Inhalation</p> <p>Ingestion</p> <p>Chronic effects</p> <p>Chronic toxicity</p> <p>Main symptoms</p>	<p>No known effect</p> <p>No known effect</p> <p>No known effects under normal use conditions</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>Protection of first-aiders</p> <p>Notes to physician</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/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

<p>Flammability</p> <p>Flash point</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

SDS #: P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

6.3 Methods and material for containment and cleaning up

Methods for containment	Prevent dust cloud
Methods for cleaning up	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 ³ (total dust)
Xerox Exposure Limit	0.4 mg/m ³ (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

SDS #: P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<p>Appearance Physical state Colour</p>	<p>Powder Solid Black, Cyan, Magenta, Yellow</p>	<p>Odour Odour threshold pH</p>	<p>Faint Not applicable Not applicable</p>
<p>Flash point</p>	<p>Not applicable</p>		
<p>Melting / Freezing Point Boiling point/boiling range Softening point</p>	<p>Not applicable Not applicable 49-60 - °C /</p>	<p>120-140 - °F</p>	
<p>Evaporation rate Flammability Flammability Limits in Air</p>	<p>Not applicable Not flammable Not applicable</p>		
<p>Explosive Limits</p>	<p>No data available</p>		
<p>Vapour pressure Vapour density Specific gravity Water solubility Partition coefficient Autoignition temperature Decomposition temperature Viscosity</p>	<p>Not applicable Not applicable 1-2 Negligible Not applicable Not applicable Not determined Not applicable</p>		
<p>Explosive properties</p>	<p>Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard</p>		
<p>Oxidising properties</p>	<p>Not applicable</p>		

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

<p>Hazardous reactions Hazardous polymerisation</p>	<p>None under normal processing Hazardous polymerisation does not occur</p>
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SDS #: P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

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

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

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)

Chronic toxicity

Product Information

Chronic effects	No known effects under normal use conditions
Carcinogenicity	See "Other Information" in this section.
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 TiO₂ 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

SDS #: P-7010

Replenisher - Black, Cyan, Magenta, Yellow

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

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
Other adverse effects	None known
Aspiration Hazard	Not applicable

11.2 Information on other hazards

Endocrine disrupting properties No information available

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

Waste Disposal Method	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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SDS # : P-7010

**Replenisher - Black, Cyan, Magenta,
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Revision Date 2021-11-03

Version 6

EWC Waste Disposal No. 08 03 18

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.

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 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 2008-04-08
Revision Date 2021-11-03

SDS # : P-7010

**Replenisher - Black, Cyan, Magenta,
Yellow**

Issuing Date 2008-04-08

Revision Date 2021-11-03

Version 6

Revision Note (M)SDS sections updated, 3

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

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.