

**SAFETY DATA SHEET**

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

SDS # : A-10166

**Toner - Cyan, Black, Magenta, Yellow**

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

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

**Product Name** **Toner** for HP Color LaserJet Pro M176MFP, HP Color LaserJet Pro M177MFP  
**Part no.** 006R03242, 006R3243, 006R03244, 006R03245

**Colour** Cyan, Black, 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.  
Xerox Environment, Health, Safety & Sustainability  
Monroe House  
Works Road  
Letchworth  
Herts. SG61LN  
UK

**For further information, please contact**

**Contact person** Manager, Environment, Health, Safety  
& Sustainability  
**Phone** ++44 (0)1707 353434  
**Fax** -  
**E-mail address** ehs-europe@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

**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

SDS #: A-10166

## Toner - Cyan, Black, Magenta, Yellow

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

### 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	--	--	--
Wax	<10	Proprietary	Listed	--	--	--
Carbon black	0-10	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Cyan pigment	0-10	Proprietary	Listed	--	--	01-2119458771-32-0044
Magenta pigment	0-10	Proprietary	Listed	--	--	--
Yellow pigment	0-10	Proprietary	Listed	--	--	--
Silica	<2	67762-90-7	614-122-2	--	--	--

#### Note

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

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

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

<b>Acute toxicity</b>	
<b>Eyes</b>	No known effect
<b>Skin</b>	No known effect
<b>Inhalation</b>	No known effect
<b>Ingestion</b>	No known effect
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	No known effects under normal use conditions
<b>Main symptoms</b>	Overexposure may cause: mild respiratory irritation similar to nuisance dust.

#### 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

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Use water spray or fog; do not use straight streams, Foam
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SDS # : A-10166

## Toner - Cyan, Black, Magenta, Yellow

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

**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

**Hazardous combustion products** Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx)

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

### 5.3 Advice for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Wear fire/flammable 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

## **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid breathing dust

### 6.2 Environmental precautions

No special environmental precautions required

### 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

The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

## **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

<b>Hygiene measures</b>	None under normal use conditions
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### 7.2 Conditions for safe storage, including any incompatibilities

SDS #: A-10166

## Toner - Cyan, Black, Magenta, Yellow

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

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
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### 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**    Keep out of drains, sewers, ditches and waterways

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b> <b>Physical state</b> <b>Colour</b>	Powder Solid Cyan Black Magenta Yellow	<b>Odour</b> <b>Odour threshold</b> <b>pH</b>	Faint Not applicable Not applicable
<b>Flash point</b>	Not applicable		
<b>Boiling point/boiling range</b> <b>Softening point</b>	Not applicable 49 - 60 °C    /    120 - 140 °F		
<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		

SDS # : A-10166

## Toner - Cyan, Black, Magenta, Yellow

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

**Explosive properties**

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

**Oxidising properties**

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**

**Hazardous reactions**

None under normal processing

**Hazardous polymerisation**

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**

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**

Not classifiable as a human carcinogen

**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

SDS # : A-10166

## Toner - Cyan, Black, Magenta, Yellow

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

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.

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

## **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 Other adverse effects

The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

## **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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SDS #: A-10166

**Toner - Cyan, Black, Magenta, Yellow**

Issuing Date 2016-08-10

Revision Date 2018-07-12

Version 2

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 2016-08-10  
Revision Date 2018-07-12  
Revision Note (M)SDS sections updated, 3

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**SDS # :** A-10166

**Toner - Cyan, Black, Magenta, Yellow**

**Issuing Date** 2016-08-10

**Revision Date** 2018-07-12

**Version** 2

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

**Disclaimer**

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