

**SAFETY DATA SHEET**

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

SDS # : A-10025

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

Issuing Date 2012-05-08

Revision Date 2016-01-19

Version 2

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

**Product Name** Toner Cartridge for Phaser 6600, WorkCentre 6605, WorkCentre 6655, WorkCentre 6655i

**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

**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.  
Xerox Environment, Health & Safety  
Bessemer Road  
Welwyn Garden City  
Herts. AL7 1HE  
UK

**For further information, please contact**

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**1.4 Emergency telephone**

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**

SDS # : A-10025

## Toner Cartridge - Black Cyan Magenta Yellow

Issuing Date 2012-05-08

Revision Date 2016-01-19

Version 2

No hazard expected under normal conditions of use

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

This formulation represents multiple colors and the component list includes multiple pigments. The actual toner formulation for each color will differ only in the pigment used.

| Chemical Name    | Weight % | CAS-No      | EC-No      | Classification (Reg. 1272/2008) | REACH Registration Number |
|------------------|----------|-------------|------------|---------------------------------|---------------------------|
| Polyester resin  | <50      | 117581-13-2 | Not listed | None                            |                           |
| Resin            | <50      | 863288-87-3 | Not listed | None                            |                           |
| Resin            | <15      | 72415-44-2  | Not listed | None                            |                           |
| Paraffin wax     | 1-10     | 8002-74-2   | 232-315-6  | None                            |                           |
| Magenta pigment  | 0-10     | 980-26-7    | 213-561-3  | None                            | 01-2119456804-33-0008     |
| Cyan pigment     | 0-10     | 147-14-8    | 205-685-1  | None                            | 01-2119458771-32-0044     |
| Carbon black     | 0-10     | 1333-86-4   | 215-609-9  | None                            | 01-2119384822-32-0065     |
| Red pigment      | 0-10     | 67990-05-0  | 268-028-8  | None                            |                           |
| Yellow pigment   | 0-10     | 6358-31-2   | 228-768-4  | None                            |                           |
| Treated silica   | <2       | 68909-20-6  | 272-697-1  | None                            |                           |
| Titanium dioxide | <2       | 13463-67-7  | 236-675-5  | None                            |                           |

#### Note

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

### 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 |
| <b>Inhalation</b> | No known effect |
| <b>Ingestion</b>  | No known effect |

##### Chronic effects

SDS # : A-10025

## Toner Cartridge - Black Cyan Magenta Yellow

Issuing Date 2012-05-08

Revision Date 2016-01-19

Version 2

**Main symptoms** 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. FIRE-FIGHTING 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

### 5.3 Special protective actions 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>Flammable properties</b>          | Not flammable                                                                                       |
| <b>Flash point</b>                   | Not applicable                                                                                      |
| <b>Hazardous combustion products</b> | Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx) |

## 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 materials for containment and 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

None

SDS # : A-10025

## Toner Cartridge - Black Cyan Magenta Yellow

Issuing Date 2012-05-08

Revision Date 2016-01-19

Version 2

### 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

#### 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 |
|----------------------|----------------------------------|

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

|                          |                                          |
|--------------------------|------------------------------------------|
| Respiratory protection   | No special protective equipment required |
| Eye/face protection      | No special protective equipment required |
| Skin and body protection | No special protective equipment required |
| Hand protection          | No special protective equipment required |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

|                            |                          |                              |                              |
|----------------------------|--------------------------|------------------------------|------------------------------|
| Appearance                 | Powder                   | Odour                        | Faint                        |
| Odour threshold            | Not applicable           | Physical state               | Solid                        |
| pH                         | Not applicable           | Colour                       | Black, Cyan, Magenta, Yellow |
| Flash point                | Not applicable           | Boiling point/boiling range  | Not applicable               |
| Softening point            | 49 - 60 °C /<br>- 140 °F | 120 Autoignition temperature | Not applicable               |
| Flammability Limits in Air | Not applicable           |                              |                              |
| Vapour pressure            | Not applicable           |                              |                              |
| Vapour density             | Not applicable           |                              |                              |
| Water solubility           | Negligible               |                              |                              |
| Viscosity                  | Not applicable           |                              |                              |

SDS # : A-10025

**Toner Cartridge - Black Cyan  
Magenta Yellow**

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Revision Date 2016-01-19

Version 2

|                           |                |
|---------------------------|----------------|
| Partition coefficient     | Not applicable |
| Evaporation rate          | Not applicable |
| Melting point/range       | Not determined |
| Freezing point            | Not applicable |
| Decomposition temperature | Not determined |
| Specific gravity          | ~ 1            |

**9.2 Other information**

|                             |                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <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 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

**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 to avoid**

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

**Chronic toxicity**

SDS # : A-10025

**Toner Cartridge - Black Cyan  
Magenta Yellow**

Issuing Date 2012-05-08

Revision Date 2016-01-19

Version 2

**Product Information**

|                        |                                              |
|------------------------|----------------------------------------------|
| <b>Chronic effects</b> | No known effects under normal use conditions |
| <b>Carcinogenicity</b> | Not classifiable as a human carcinogen       |

**Other toxic effects****Product Information**

|                             |                                          |
|-----------------------------|------------------------------------------|
| <b>Sensitisation</b>        | No sensitisation responses were observed |
| <b>Mutagenic effects</b>    | Not mutagenic in AMES Test               |
| <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**

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| <b>Acute Aquatic Toxicity</b>   | On available data, substance is not harmful to aquatic life. |
| <b>Chronic Aquatic Toxicity</b> | On available data, substance 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**

Presents little or no hazard to the environment

**13. DISPOSAL CONSIDERATIONS****13.1 Disposal considerations**

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| <b>Waste Disposal Method</b> | No special precautions are needed in handling this material |
|------------------------------|-------------------------------------------------------------|

|                              |          |
|------------------------------|----------|
| <b>EWC Waste Disposal No</b> | 08 03 18 |
|------------------------------|----------|

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

SDS # : A-10025

**Toner Cartridge - Black Cyan  
Magenta Yellow**

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Revision Date 2016-01-19

Version 2

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**

Not applicable

**16. OTHER INFORMATION**

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Revision Date 2016-01-19

Revision Note

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.



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