

**SAFETY DATA SHEET**

according to Regulation (EC) No. 2020/878 as amended

SDS #: A-0058

**Dry Ink - black**

Issuing Date 05-27-1989

Revision date 09-05-2024

Revision Number 4

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

**Product Name** Dry Ink for 115, 155EPS, 180LPS, 4135, 4635, 5090S, 5135, 5135 NP, 5135 PP, 5390, 5690, 6100, 6155, DocuPrint 96, DocuTech 128 Highlight Color, DocuTech 135, DocuTech 155 Highlight Color, DocuTech 180 Highlight Color, DocuTech 6115, DocuTech 6135, DocuTech 6180

**Part no.** 006R00206, 006R00272, 006R00516, 006R90100

**Colour** black

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

**Recommended Use** Xerographic printing  
**Uses advised against** None known

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

<b>Supplier</b>	Xerox Europe Limited Xerox Technology Park Dublin Road Dundalk Co. Louth Ireland	Xerox Europe Limited Xerox Technology Park Dublin Road Dundalk Co. Louth Ireland
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**For further information, please contact**

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

**1.4 Emergency telephone number**

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

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### 2.3 Other hazards

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

## 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
Ferrosoferric oxide	15-20	1317-61-9	215-277-5	--	--	01-2119457646-28-0021
Carbon Black { Regal 330}	1-5	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Benzene, ethenyl-, polymer with 1,3-butadiene	75-85	9003-55-8	Not Listed	--	--	--

#### 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

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.
<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

**Chronic toxicity** No known effects under normal use conditions

#### Main symptoms

Overexposure may cause:

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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

## **SECTION 5. FIREFIGHTING MEASURES**

### 5.1 Extinguishing media

**Suitable extinguishing media** Use water spray or fog; do not use straight streams

**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

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### 6.4 Reference to other sections

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

**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>	For country specific exposure limits see Section 16

### 8.2 Exposure controls

**Engineering measures** None under normal use conditions

### 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
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<b>Physical state</b>	Solid	<b>Odour threshold</b>	Not applicable
<b>Colour</b>	black	<b>pH</b>	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>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>Liquid Density</b>	Not applicable		
<b>Water solubility</b>	Negligible		
<b>Partition coefficient</b>	Not applicable		
<b>Autoignition temperature</b>	Not determined		
<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

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### 10.5 Incompatible Materials

None

### 10.6 Hazardous decomposition products

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

## **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

#### **Acute toxicity**

Product Information

##### **Irritation**

No skin irritation, No eye irritation

##### **Oral LD50**

&gt; 5 g/kg (rat)

##### **Dermal LD50**

&gt; 5 g/kg (rabbit)

##### **Inhalation LC50**

&gt; 5 (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.

#### **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

##### **Teratogenicity**

None known

##### **Target organ effects**

None known

##### **Other adverse effects**

None known

##### **Aspiration Hazard**

Not applicable

### 11.2 Information on other hazards

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

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### SECTION 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.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### 13.1 Disposal considerations

**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.

**Waste codes / waste designations according to EWC** 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.

### SECTION 14. TRANSPORT INFORMATION

#### 14.1 UN/ID No

Not regulated

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### 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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<b>Revision Note</b>	Update to format

### Additional advice Exposure controls

Chemical name	United Kingdom	Ireland	France	Germany DFG	Netherlands
Carbon Black { Regal 330}	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>		

Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic



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Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Carbon Black { Regal 330}	TWA 3 mg/m <sup>3</sup>				TWA 2.0 mg/m <sup>3</sup>

Chemical name	Spain	Portugal	Italy MDLPS	Greece	Romania
Carbon Black { Regal 330}	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>	

Chemical name	Poland	Denmark	Sweden	Finland	Norway
Carbon Black { Regal 330}	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>

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

End of Safety Data Sheet