

# SAFETY DATA SHEET

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

SDS # : A-10096

**Dry Ink - Orange**

Issuing Date 2016-11-01

Revision Date 2022-04-18

Version 3

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

### 1.1 Product Identifier

Product Name Dry Ink for Xerox iGen5 Press  
Part no. 006R03160, 006R03163

UFI G410-50D4-5000-9UX7

Colour Orange

### 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  
Phone +353 429387410  
E-mail address ehs-europe@xerox.com

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

### 1.4 Emergency telephone number

+44 1865 407333

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

Carcinogenicity	Category 2
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### 2.2 Label elements

GHS Label elements, including precautionary statements  
Symbol(s)

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**Signal Word**

Warning

**Hazard Statements****Precautionary Statements**

H351 - Suspected of causing cancer if inhaled

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P501 -Dispose of contents/container in accordance with local/regional/national/international regulation

**UFI**

G410-50D4-5000-9UX7

**EC Label**

EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

**2.3 Other hazards**

May form explosible dust-air mixture if dispersed

Not a PBT according to REACH Annex XIII

**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	80-90	39382-25-7	Not listed	--	--	--
Orange pigment	10-20	Proprietary	Listed	--	--	--
Amorphous silica	<10	7631-86-9	231-545-4	--	--	--
Titanium dioxide	<2	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

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<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

### 4.3 Indication of immediate medical attention and special treatment needed

<b>Notes to physician</b>	Treat symptomatically
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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

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

## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment, Avoid breathing dust

### 6.2 Environmental precautions

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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

**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 formation in confined areas, 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**  
**Xerox Exposure Limit**  
**Exposure Limits**

2.5 mg/m<sup>3</sup> (total dust)  
0.4 mg/m<sup>3</sup> (respirable dust)  
For country specific exposure limits see Section 16

Chemical Name	ACGIH TLV	European Union
Amorphous silica		TWA 0.1 mg/m <sup>3</sup>
Titanium dioxide	TWA: 10 mg/m <sup>3</sup>	

### 8.2 Exposure controls

**Engineering measures**

Ensure adequate ventilation, especially in confined areas

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

**Eye/face protection**

None under normal use conditions

**Hand protection**

None under normal use conditions.

**Skin and body protection**

None under normal use conditions

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**Respiratory protection**  
**Thermal hazards**

No protective equipment is needed under normal use conditions.  
None under normal processing

### Environmental Exposure Controls

**Environmental Exposure**  
**Controls**

Keep out of drains, sewers, ditches and waterways

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Powder	<b>Odour</b>	Faint
<b>Physical state</b>	Solid	<b>Odour threshold</b>	Not applicable
<b>Colour</b>	Orange	<b>pH</b>	Not applicable
<b>Flash point</b>	Not applicable		
<b>Melting / Freezing Point</b>	Not applicable		
<b>Boiling point/boiling range</b>	Not applicable		
<b>Softening point</b>	49-60 °C / 120-140 °F		
<b>Evaporation rate</b>	Not applicable		
<b>Flammability</b>	Not flammable		
<b>Flammability Limits in Air</b>	Not applicable		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b>	Not applicable		
<b>Vapour density</b>	Not applicable		
<b>Specific gravity</b>	~ 1		
<b>Water solubility</b>	Negligible		
<b>Partition coefficient</b>	Not applicable		
<b>Autoignition temperature</b>	Not applicable		
<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

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

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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

None

### 10.6 Hazardous decomposition products

None under normal use

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### 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)

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Amorphous silica	>5000 mg/kg ( Rat )	>2000 mg/kg ( Rabbit )	>2.2 mg/L ( Rat ) 1 h
Titanium dioxide	10000 mg/kg ( Rat )		

#### Chronic toxicity

<b>Carcinogenicity</b>	See "Other Information" in this section.
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Chemical Name	IARC
Titanium dioxide	2B

#### Other information

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

<b>Sensitisation</b>	Not expected to be a sensitizer
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Target organ effects	None known
Other adverse effects	None known
Aspiration Hazard	Not applicable

### 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 Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations

**Waste from Residues/Unused Products** Dispose of in accordance with local regulations

**Contaminated packaging** Dispose of in accordance with local regulations.

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**EWC Waste Disposal No.** 08 03 17\*

**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

The product is classified and labelled in accordance with 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** 2016-11-01

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**Revision Note** (M)SDS sections updated, 3, Updated Emergency Telephone number in some geographies

**Full text of H-Statements referred to under sections 2 and 3**



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H351 - Suspected of causing cancer if inhaled

### Exposure scenario

This product is intended solely for use in Xerographic printing. There is no exposure to hazardous components under normal use conditions. In case of spill or leak, prevent dust cloud. Avoid breathing dust

### Additional advice

#### EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Amorphous silica	STEL 18 mg/m <sup>3</sup> STEL 7.2 mg/m <sup>3</sup> STEL 0.3 mg/m <sup>3</sup> TWA 6 mg/m <sup>3</sup> TWA 2.4 mg/m <sup>3</sup> TWA 0.1 mg/m <sup>3</sup>	TWA 6 mg/m <sup>3</sup> TWA 2.4 mg/m <sup>3</sup> STEL 18 mg/m <sup>3</sup> STEL 7.2 mg/m <sup>3</sup>		AGW 4 mg/m <sup>3</sup>	TWA 0.075 mg/m <sup>3</sup>
Titanium dioxide	STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Silicon dioxide		SS-C**	TWA 4 mg/m <sup>3</sup>		TWA 0.1 mg/m <sup>3</sup> TWA 4.0 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 3 mg/m <sup>3</sup>	STEL 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>		

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> C(A4)		TWA 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>	STEL 15 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Silicon dioxide				TWA 5 mg/m <sup>3</sup> TWA 0.05 mg/m <sup>3</sup>	TWA 1.5 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup>	TWA 6 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>

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.