

**SAFETY DATA SHEET**

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

SDS #: A-10146

**Dry Ink - Clear**

Issuing Date 11-01-2016

Revision date 11-21-2024

Revision Number 4

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

**1.1 Product Identifier**

**Product Name** Dry Ink for Xerox iGen5 Press  
**Part no.** 006R03362, 006R03369

**UFI** 6D10-P0FA-200G-8VPE

**Colour** Clear

**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** Manager, Environment, Health,  
 Safety & Sustainability  
**Phone** +353 429387410  
**Fax** -  
**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  
 112 – ask for Poisons Information

**SECTION 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**  
**Hazard symbols**

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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, and international regulations as applicable

**UFI**

6D10-P0FA-200G-8VPE

**EC-Label**

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

**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
Bisphenol A propylene oxide fumarate polymer	>90	39382-25-7	Not Listed	--	--	--
Silicon dioxide	1-5	7631-86-9	231-545-4	--	--	--
Titanium dioxide	<1.5	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.

**SECTION 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.

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<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

<b>Chronic toxicity</b>	No known effects under normal use conditions
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### 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, 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

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

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Use personal protective equipment, 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

**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

## SECTION 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

## SECTION 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)  
**Exposure Limits** For country specific exposure limits see Section 16

Chemical name	ACGIH TLV	European Union
Silicon dioxide		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

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

Eye/face protection	None under normal use conditions
Hand protection	None under normal use conditions.
Skin and body protection	None under normal use conditions
Respiratory protection	No protective equipment is needed under normal use conditions.
Thermal hazards	None under normal processing

### Environmental Exposure Controls

Environmental Exposure Controls	Keep out of drains, sewers, ditches and waterways
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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information on basic physical and chemical properties

Appearance	Powder	Odour	Faint
Physical state	Solid	Odour threshold	Not applicable
Colour	Clear	pH	Not applicable
Flash point	Not applicable		
Melting point / freezing point	Not applicable		
Initial boiling point and boiling range	Not applicable		
Softening point	49-60 °C / 120-140 °F		
Evaporation rate	Not applicable		
Flammability	Not flammable		
Flammability Limits in Air	Not applicable		
Vapour pressure @20 °C (kPa)	Not applicable		
Relative vapor density	Not applicable		
Specific gravity	~ 1		
Water solubility	negligible		
Partition coefficient	Not applicable		
Autoignition temperature	Not applicable		
Decomposition temperature	Not determined		
Viscosity	Not applicable		
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

## **SECTION 10. STABILITY AND REACTIVITY**

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### 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

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects Information on hazard classes as defined in Regulation (EC) No 2020/878

#### Acute toxicity

Product Information

**Irritation** No skin irritation, No eye irritation

Component Information

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

#### Chronic toxicity

**Carcinogenicity** See "Other Information" in this section.

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

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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
<b>Mutagenic effects</b>	None known
<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

### 11.2 Information on other hazards

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

## **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

No information available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### 13.1 Waste treatment methods Disposal considerations

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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.

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

**SECTION 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 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**

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

**15.2 Chemical Safety Assessment**



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A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

### SECTION 16. OTHER INFORMATION

**Issuing Date** 11-01-2016  
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**Revision Note** Address for some geographies updated, Updated Emergency Telephone number in some geographies

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

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	United Kingdom	Ireland	France	Germany DFG	Netherlands
Silicon dioxide	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> C	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 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 MDLPS	Greece	Romania
Silicon dioxide		TWA 0.05 mg/m <sup>3</sup>	TWA 0.1 mg/m <sup>3</sup>	TWA 0.1 mg/m <sup>3</sup>	
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 0.1 mg/m <sup>3</sup> STEL 0.2 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> 0.05 mg/m <sup>3</sup> TWA 0.1 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>	TWA 6 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup>

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Chemical name	Poland	Denmark	Sweden	Finland	Norway
	STEL 30 mg/m <sup>3</sup>				STEL 10 mg/m <sup>3</sup>

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End of Safety Data Sheet