

SAFETY DATA SHEET

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

SDS #: P-7009

Dry Ink - Magenta

Issuing Date 2019-09-04

Revision Date 2022-09-26

Version 2

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

Product Name Dry Ink for iGen3 Digital Production Press
Part no. 111R00011
Colour Magenta

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

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**GHS Label elements, including precautionary statements**

Symbol(s) None required
Signal Word None required

Hazard Statements None required
Precautionary Statements None required

2.3 Other hazards

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

Special Note Contains a chemical that can cause an allergic reaction in susceptible people
 Product is not a sensitizer by Local Lymph Node Assay (LLNA)

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements	REACH Registration Number
Iron powder	20-35	7439-89-6	231-096-4	--	--	--
Magenta pigment	1-10	75627-12-2	278-270-6	Skin Sens 1 Aquatic Chronic 4	H317 H413	01-2120775793-39-0003
Amorphous silica	1-3	7631-86-9	231-545-4	--	--	--
Titanium dioxide	<1	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
Skin contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	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	
Eyes	No known effect
Skin	No known effect
Inhalation	No known effect
Ingestion	No known effect
Chronic effects	
Chronic toxicity	No known effects under normal use conditions
Main symptoms	Overexposure may cause: mild respiratory irritation similar to nuisance dust.

4.3 Indication of immediate medical attention and special treatment needed

Protection of first-aiders	No special protective equipment required
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Notes to physician Treat symptomatically**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/flare 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**Flammability** Not flammable
Flash point Not applicable**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**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

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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

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 2.5 mg/m³ (total dust)
Xerox Exposure Limit 0.4 mg/m³ (respirable dust)
Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

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

8.2 Exposure controls

Engineering measures None under normal use conditions

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

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

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

Appearance	Powder	Odour	Faint
Physical state	Solid	Odour threshold	Not applicable
Colour	Magenta	pH	Not applicable

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Flash point	Not applicable
Melting / Freezing Point	Not applicable
Boiling point/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
Explosive Limits	No data available
Vapour pressure	Not applicable
Vapour density	Not applicable
Specific gravity	1-2
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

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

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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 hazard classes as defined in Regulation (EC) No 1272/2008

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)

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Iron powder	30 g/kg (Rat)		
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

Chronic effects	No known effects under normal use conditions
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 TiO₂ 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

Sensitisation	Contains a chemical that can cause an allergic reaction in susceptible people Product is not a sensitizer by Local Lymph Node Assay (LLNA)
Mutagenic effects	Not mutagenic in AMES Test
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards
Target organ effects	None known
Other adverse effects	None known
Aspiration Hazard	Not applicable

Information on other hazards

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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**

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.

EWC Waste Disposal No. 08 03 13

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

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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 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

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Revision Note (M)SDS sections updated, 3, 16

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

H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer
H413 - May cause long lasting harmful effects to aquatic life

Additional advice

EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Magenta pigment		TWA 0.5 mg/m ³			

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Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
		STEL 1.5 mg/m ³			
Amorphous silica	STEL 18 mg/m ³ STEL 7.2 mg/m ³ STEL 0.3 mg/m ³ TWA 6 mg/m ³ TWA 2.4 mg/m ³ TWA 0.1 mg/m ³	TWA 6 mg/m ³ TWA 2.4 mg/m ³ STEL 18 mg/m ³ STEL 7.2 mg/m ³		AGW 4 mg/m ³	TWA 0.075 mg/m ³
Titanium dioxide	STEL 30 mg/m ³ STEL 12 mg/m ³ TWA 10 mg/m ³ TWA 4 mg/m ³	TWA 10 mg/m ³ TWA 4 mg/m ³ STEL 30 mg/m ³ STEL 12 mg/m ³	TWA 10 mg/m ³		

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Xanthylum, 3,6-bis(ethylamino)-9-(2-(methoxycarbonyl)phenyl)-2,7-					TWA 5 mg/m ³ Ceiling 25 mg/m ³
Silicon dioxide		SS-C**	TWA 4 mg/m ³		TWA 0.1 mg/m ³ TWA 4.0 mg/m ³
Titanium dioxide	TWA 10 mg/m ³	SS-C** TWA 3 mg/m ³	STEL 10 mg/m ³ TWA 5 mg/m ³		

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

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Xanthylum, 3,6-bis(ethylamino)-9-(2-(methoxycarbonyl)phenyl)-2,7-	TWA 4 mg/m ³ STEL 10 mg/m ³				
Silicon dioxide				TWA 5 mg/m ³ TWA 0.05 mg/m ³	TWA 1.5 mg/m ³ STEL 3 mg/m ³
Titanium dioxide	TWA 10 mg/m ³ STEL 30 mg/m ³	TWA 6 mg/m ³	TLV 5 mg/m ³		TWA 5 mg/m ³ STEL 10 mg/m ³

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.