

**SAFETY DATA SHEET**

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

SDS #: A-10098

**Dry Ink - Blue**

Issuing Date 2016-11-01

Revision Date 2021-07-13

Version 2

**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.** 006R03211, 006R03212

**UFI** C910-50RW-S000-MJ3C

**Colour** Blue

**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 |
|-----------------|------------|

**2.2 Label elements**

**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  
EC Label**

C910-50RW-S000-MJ3C

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 | --                               | --                | --                        |
| Cyan Pigment             | <10      | 147-14-8   | 205-685-1  | --                               | --                | 01-2119458771-32-0044     |
| Amorphous silica         | <10      | 7631-86-9  | 231-545-4  | --                               | --                | --                        |
| Titanium dioxide         | <2       | 13463-67-7 | 236-675-5  | Carc 2                           | H351              | --                        |
| Silica (Surface Treated) | <1       | 68909-20-6 | 272-697-1  | Acute tox (inhal) 2<br>STOT RE 2 | H330<br>H373      | --                        |

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.

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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**

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

**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 |

**6. ACCIDENTAL RELEASE MEASURES**

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

Use personal protective equipment, Avoid breathing dust

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### 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 |

### 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

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

| Chemical Name    | ACGIH TLV                 | European Union            |
|------------------|---------------------------|---------------------------|
| Cyan Pigment     | TWA: 1 mg/m <sup>3</sup>  |                           |
| 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)

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

### Environmental Exposure Controls

|  |   |
|--|---|
| <b>Environmental Exposure Controls</b> | 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>                      | Blue   | <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

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### 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

## 11. TOXICOLOGICAL INFORMATION

### 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       |
|------------------|---------------------|------------------------|-----------------------|
| Cyan Pigment     | 10000 mg/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

**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 respirable size. Epidemiological studies do not suggest a carcinogenic effects in humans.

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**Other toxic effects**

**Sensitisation**

In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner.

Not expected to be a sensitizer

**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**

No information available

### 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

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

**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**

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**Revision Note** (M)SDS sections updated, 3  
**Full text of H-Statements referred to under sections 2 and 3**  
H330 - Fatal if inhaled  
H351 - Suspected of causing cancer if inhaled  
H373 - May cause damage to organs through prolonged or repeated exposure

**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><br>STEL 7.2 mg/m <sup>3</sup><br>STEL 0.3 mg/m <sup>3</sup><br>TWA 6 mg/m <sup>3</sup><br>TWA 2.4 mg/m <sup>3</sup><br>TWA 0.1 mg/m <sup>3</sup> | TWA 6 mg/m <sup>3</sup><br>TWA 2.4 mg/m <sup>3</sup><br>STEL 18 mg/m <sup>3</sup><br>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><br>STEL 12 mg/m <sup>3</sup><br>TWA 10 mg/m <sup>3</sup><br>TWA 4 mg/m <sup>3</sup>  | TWA 10 mg/m <sup>3</sup><br>TWA 4 mg/m <sup>3</sup><br>STEL 30 mg/m <sup>3</sup><br>STEL 12 mg/m <sup>3</sup>   | TWA 10 mg/m <sup>3</sup> |                         |                             |

| Chemical Name         | Belgium                  | Switzerland                       | Austria  | Hungary                 | Czech Republic   |
|-----------------------|--------------------------|-----------------------------------|--|-------------------------|--|
| Copper phthalocyanine |                          |                                   | STEL 4 mg/m <sup>3</sup><br>STEL 0.4 mg/m <sup>3</sup><br>TWA 1 mg/m <sup>3</sup><br>TWA 0.1 mg/m <sup>3</sup> | STEL 4mg/m <sup>3</sup> |  |
| Silicon dioxide       |                          | SS-C**                            | TWA 4 mg/m <sup>3</sup>  |                         | TWA 0.1 mg/m <sup>3</sup><br>TWA 4.0 mg/m <sup>3</sup> |
| Titanium dioxide      | TWA 10 mg/m <sup>3</sup> | SS-C**<br>TWA 3 mg/m <sup>3</sup> | STEL 10 mg/m <sup>3</sup><br>TWA 5 mg/m <sup>3</sup>   |                         |  |

| Chemical Name         | Spain                     | Portugal                          | Italy | Greece  | Romania   |
|-----------------------|---------------------------|-----------------------------------|-------|---|---|
| Copper phthalocyanine | TWA 0.1 mg/m <sup>3</sup> |                                   |       |   |   |
| Titanium dioxide      | TWA 10 mg/m <sup>3</sup>  | TWA 10 mg/m <sup>3</sup><br>C(A4) |       | TWA 10 mg/m <sup>3</sup><br>TWA 5 mg/m <sup>3</sup> | STEL 15 mg/m <sup>3</sup><br>TWA 10 mg/m <sup>3</sup> |

| Chemical Name         | Poland  | Denmark                 | Sweden                  | Finland   | Norway  |
|-----------------------|---|-------------------------|-------------------------|---|---|
| Copper phthalocyanine |   |                         |                         | TWA 0.02 mg/m <sup>3</sup>                            |   |
| Silicon dioxide       |   |                         |                         | TWA 5 mg/m <sup>3</sup><br>TWA 0.05 mg/m <sup>3</sup> | TWA 1.5 mg/m <sup>3</sup><br>STEL 3 mg/m <sup>3</sup> |
| Titanium dioxide      | TWA 10 mg/m <sup>3</sup><br>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><br>STEL 10 mg/m <sup>3</sup>  |

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This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

**Disclaimer**

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