

# Safety Data Sheet

SDS # : B-20024

**Developer**

Issuing Date 2016-02-17

Revision Date 2016-08-18

Version 1

**Active**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade name**     **Developer**     for   **Xerox iGen5 Press**

**Part no.**   **505S00050, 505S00051**

<b>Colour</b>	Clear
<b>Pure substance/mixture</b>	Mixture
<b>Identified uses</b>	Xerographic printing
<b>Manufactured by</b>	Xerox Corporation Rochester, NY 14644
<b>Emergency telephone</b>	Safety Information US: (800) 275-9376 Chemical Emergency only (Chemtrec) (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

The product contains no substances which, in the form utilized and at their given concentrations, are considered to be hazardous to health.

<b>Colour</b> Clear	<b>Appearance</b> Powder	<b>Physical state</b> Solid	<b>Odour</b> Faint
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## Classification of the substance or mixture

### Customer use / Cartridges and sealed bottles

**OSHA Hazard Classification**     This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.

### Label elements

<b>Signal Word</b>	None
<b>Hazard Statements</b>	None required
<b>Precautionary Statements</b>	None required

### Potential Health Effects

<b>Principle Routes of Exposure</b>	Inhalation
<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
<b>Main symptoms</b>	Overexposure may cause: mild respiratory irritation similar to nuisance dust.
<b>Aggravated Medical Conditions</b>	None under normal use conditions
<b>Environmental hazard</b>	The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Iron powder	7439-89-6	>90
Polyester resin	39382-25-7	3-6

### 4. FIRST AID MEASURES

<b>General advice</b>	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.
<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
<b>Notes to physician</b>	Treat symptomatically
<b>Protection of first-aiders</b>	No special protective equipment required

### 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable
<b>Flash point</b>	Not applicable
<b>Suitable extinguishing media</b>	Use water spray or fog; do not use straight streams, Foam
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire

**Specific hazards arising from the chemical**

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

<b>Hazardous combustion products</b>	Hazardous decomposition products due to incomplete
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<b>Explosion Data</b>	combustion, Carbon oxides, Nitrogen oxides (NOx)
<b>Sensitivity to Mechanical Impact</b>	Not impact sensitive
<b>Sensitivity to Static Discharge</b>	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

**Protective Equipment and Precautions for Firefighters**

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.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Avoid breathing dust
<b>Environmental Precautions</b>	No special environmental precautions required
<b>Methods for containment</b>	Prevent dust cloud
<b>Methods for cleaning up</b>	Prevent dust cloud, Sweep up or vacuum up spillage and collect in suitable container for disposal, Use non-sparking tools and equipment
<b>Other information</b>	The environmental impact of this product has not been fully investigated, However, this preparation is not expected to present significant adverse environmental effects

**7. HANDLING AND STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice, Avoid dust accumulation in enclosed space, Prevent dust cloud
<b>Technical measures and storage conditions</b>	Keep container tightly closed in a dry and well-ventilated place, Store at room temperature
<b>Hygiene measures</b>	None under normal use conditions

**8. Exposure Controls/Personal Protection**

**Exposure guidelines** No information available  
**Product Information**

<b>ACGIH TLV TWA</b>	10 mg/m <sup>3</sup> (inhalable particles)
<b>ACGIH TLV TWA</b>	3 mg/m <sup>3</sup> (respirable dust)
<b>OSHA PEL TWA</b>	15 mg/m <sup>3</sup> (total dust)
<b>OSHA PEL TWA</b>	5 mg/m <sup>3</sup> (respirable dust)
<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)

**Other information**

The results obtained from a Xerox sponsored Chronic Toner Inhalation Study demonstrated no lung changes in rats for the lowest (1 mg/m<sup>3</sup>) exposure level (the level most relevant to potential human exposure). A very slight degree of fibrosis was noted in 25% of animals at the middle (4mg/m<sup>3</sup>) exposure level, while a slight degree of fibrosis was noted in all the animals at the highest (16 mg/m<sup>3</sup>) exposure level. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. This study was conducted using a special test toner to comply with an EPA testing protocol.

**Occupational exposure controls**

**Engineering measures**                      None under normal use conditions

**Personal Protective Equipment**

**Customer use / Cartridges and sealed bottles**

**Respiratory protection**                      No special protective equipment required  
**Eye/face protection**                      No special protective equipment required  
**Skin and body protection**                      No special protective equipment required  
**Hand protection**                      No special protective equipment required

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Powder	<b>Odour</b>	Faint
<b>Odour threshold</b>	Not applicable	<b>Physical state</b>	Solid
<b>pH</b>	Not applicable	<b>Colour</b>	Clear
<b>Flash point</b>	Not applicable	<b>Boiling point/boiling range</b>	Not applicable
<b>Softening point</b>	49 - 60 °C / 120 - 140 °F	<b>Autoignition temperature</b>	Not applicable

**Flammability Limits in Air**                      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

**Vapour pressure**                      Not applicable  
**Vapour density**                      Not applicable  
**Water solubility**                      Negligible  
**Viscosity**                      Not applicable  
**Partition coefficient**                      Not applicable  
**Evaporation rate**                      Not applicable  
**Melting point/range**                      Not determined  
**Freezing point**                      Not applicable  
**Decomposition temperature**                      Not determined  
**Specific gravity**                      ~ 1

**10. STABILITY AND REACTIVITY**

**Reactivity**                      No dangerous reaction known under conditions of normal use

**Stability**                      Stable under normal conditions

**Incompatible products**                      None

**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

**Hazardous Decomposition Products**                      None under normal use

**Hazardous polymerisation**                      Hazardous polymerisation does not occur



**Note** This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

**OSHA Regulatory Status**

This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

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**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies

**Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Clean Water Act**

This product is not regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product is not regulated as a hazardous air pollutant (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**TSCA**

TSCA 12(b) does not apply to this product.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Although this product contains substances included in some U.S. State Right-to-Know regulations, the particles are bound in a unique matrix and, therefore, the product does not pose any specific hazard.

**Canada**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.**

**WHMIS Hazard Class**

Not subject to WHMIS classification

16. OTHER INFORMATION

<b>Issuing Date</b>	2016-02-17
<b>Revision Date</b>	2016-08-18
<b>Revision Note</b>	Initial Release

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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