

# Safety Data Sheet

SDS # : S-00005

## Waterless Ink - Pigment Black

Issuing Date 2013-03-15

Revision Date 2015-05-28

Version 1

**Active**

### 1. Product and Company Identification

**Trade Name** Waterless Ink for CiPress 500 Production InkJet System

**Part no.** 008R13142

**Color** Black  
**Pure substance/preparation** Preparation

**Identified uses** Ink jet printing

**Manufactured by** Xerox Corporation, Office Group  
 P.O. Box 1000  
 Wilsonville, OR 97070-1000

**Emergency telephone** 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>Color</b> Black	<b>Appearance</b> Granules	<b>Physical state</b> Solid	<b>Odor</b> Faint
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### Classification of the substance or mixture

**Consumers** Not classified

### GHS Label elements, including precautionary statements

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

### Other hazards which do not result in classification

#### Potential Health Effects

<b>Principle Routes of Exposure</b>	Skin contact
<b>Acute toxicity</b>	
<b>Eyes</b>	Not expected to be an irritant
<b>Skin</b>	Not expected to be an irritant
<b>Inhalation</b>	Not applicable

**Ingestion** Not applicable  
**Chronic effects**  
**Main symptoms** No known effects under normal use conditions  
**Aggravated medical conditions** None under normal use conditions  
**Environmental hazard** See Section 12 for additional Ecological Information

3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Paraffin wax	8002-74-2	50-60
Resin	Proprietary	10-20
Carbon Black	1333-86-4	1-5

4. First Aid Measures

**General advice** When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

**Eye contact** Not an expected route of exposure  
Wash off with plenty of water

**Skin contact** Wash off with warm water and soap

**Inhalation** Not applicable

**Ingestion** Not applicable

**Notes to physician** Treat symptomatically

**Protection of first-aiders** No special protective equipment required

5. Fire-Fighting Measures

**Flammable properties** Combustible material: may burn but does not ignite readily

**Flash point** > 221 °C / > 429 °F  
**Method** Pensky-Martens closed tester

**Suitable extinguishing media** Dry powder, Carbon dioxide (CO<sub>2</sub>), Halons

**Unsuitable extinguishing media** No information available

**Specific hazards arising from the chemical**

**Hazardous combustion products** May emit toxic fumes under fire conditions

**Explosion Data**  
**Sensitivity to Mechanical Impact** Not impact sensitive  
**Sensitivity to Static Discharge** Not sensitive

**Protective Equipment and Precautions for Firefighters**  
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

**Personal Precautions** None required

**Methods for containment** Not applicable

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Other Information** 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

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice

**Technical measures/Storage conditions** Keep tightly closed in a dry and cool place

**Hygiene measures** None under normal use conditions

8. Exposure Controls/Personal Protection

**Exposure guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
Paraffin wax	TWA: 2 mg/m <sup>3</sup>	
Carbon Black	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>

**Other Information** No hazardous exposure expected under normal use conditions.

**Occupational Exposure Controls**

**Engineering measures** None under normal use conditions.

**Personal Protective Equipment**

**Consumer use** These recommendations apply to the product as supplied

**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>	Granules	<b>Odor</b>	Faint
<b>Odor threshold</b>	No information available	<b>Physical state</b>	Solid
<b>pH</b>	Not applicable	<b>Color</b>	Black

<b>Flash point</b>	> 221 °C / > 429 °F	<b>Boiling point/range</b>	Not applicable
<b>Softening point</b>	Not applicable	<b>Autoignition temperature</b>	Not applicable

**Flammability Limits in Air** Not applicable

<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Water solubility</b>	Insoluble
<b>Viscosity</b>	Not applicable
<b>Partition coefficient</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Melting point/range</b>	~ 100 °C / ~ 212 °F
<b>Freezing point</b>	Not applicable
<b>Decomposition temperature</b>	Not determined
<b>Specific gravity</b>	~ 1 @ 25 °C

10. Stability and Reactivity

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use
<b>Stability</b>	Stable under normal conditions
<b>Incompatible products</b>	None known
<b>Conditions to Avoid</b>	Temperatures above 200°C
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur
<b>Hazardous reactions</b>	None under normal processing

11. Toxicological Information

The toxicity information below is for the solid ink products and is based on studies conducted on each individual Xerox proprietary ingredient. Individual ingredient percent compositions in the ink products were considered in the final assessment.

**Acute toxicity**

**Product information**

<b>Irritation</b>	Not expected to be an irritant
<b>LD50 Oral</b>	> 5 g/kg (rat)
<b>LD50 Dermal</b>	> 2 g/kg (rat)
<b>Eyes</b>	Not expected to be an irritant
<b>Skin</b>	Not expected to be an irritant
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	Not applicable

**Chronic toxicity**

**Product information**

<b>Main symptoms</b>	No known effects under normal use conditions
<b>Aggravated medical conditions</b>	None under normal use conditions
<b>Carcinogenicity</b>	See "Other Information" in this section.

Chemical Name	IARC	NTP
Carbon Black	2B	

**Other information**

The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". The classification is based on studies evaluating pure, "free" carbon black. In the process of making this product, the small amount of carbon black becomes encapsulated within a matrix and is not expressed as "free" carbon black. Therefore, this classification does not apply to this product.

**Other toxic effects**

**Product information**

<b>Sensitization</b>	Not expected to be a sensitizer
<b>Mutagenic effects</b>	Not expected to be mutagenic
<b>Target organ effects</b>	No information available

<b>Other adverse effects</b>	None known
<b>Aspiration Hazard</b>	Not applicable

12. Ecological Information

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Aquatic toxicity** Not expected to be toxic to daphnia, algae, and fish.

13. Disposal Considerations

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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

14. Transport Information

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

15. Regulatory Information

**International Inventories**

**TSCA** Complies

**U.S. 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.

**SARA 311/312 Hazard Categories** No information available

**Clean Water Act**

This product does not contain any substances regulated as pollutants 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 does not contain any substances regulated as hazardous air pollutants (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**

This product complies with TSCA12(b)

**U.S. State Regulations**

**California Proposition 65**

Carbon black is regulated under California Proposition 65 only if in the form of "airborne, unbound particles of respirable size". This product does not contain carbon black in the form of "airborne, unbound particles of respirable size". Therefore, the requirements of Proposition 65 do not apply to this product.

Chemical Name	CAS-No	California Prop. 65
Carbon Black	1333-86-4	Carcinogen

**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.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Paraffin wax	X	X	X		X
Carbon Black	X	X	X	X	X

**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.

16. Other Information
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**Issuing Date** 2013-03-15

**Revision Date** 2015-05-28

**Revision Note** Updated for OSHA HazCom 2012 and WHMIS 2015

**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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