# Safety Data Sheet

**SDS #:** B-20050  
**Developer - Magenta**  
**Issuing Date:** 2019-11-13  
**Revision Date:** 2019-11-13  
**Version:** 1  
**Active**

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Identifier**

**Product Name**  
**Developer**  
**Part no.**  
505S00024, 505S00028 Kits: 502S68726, 502S68728  
**Color**  
Magenta  
**Pure substance/mixture**  
Mixture  

**Relevant identified uses of the substance or mixture and uses advised against**

**Recommended Use**  
Xerographic printing

**Details of the supplier of the safety data sheet**

**Manufactured by**  
Xerox Corporation  
Webster, NY 14580  

**For further information, please contact**

**Contact person**  
Manager, Environment, Health, Safety & Sustainability  
**E-mail address**  
askxerox@xerox.com  
**Emergency telephone**  
Safety Information US: (800) 275-9376  
Chemical Emergency only (Chemtrec) (800) 424-9300  

**For the most current document**  
https://safetysheets.business.xerox.com

## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Not classified

**Label elements**

**Symbol(s)**  
None required  
**Signal Word**  
None required  
**Hazard Statements**  
None required  
**Precautionary Statements**  
None required

**Other hazards**

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
3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel powder</td>
<td>7439-89-6</td>
<td>90-97</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Polyester resin</td>
<td>39382-25-7</td>
<td>3-6</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>75627-12-2</td>
<td>0.1-0.5</td>
<td>Skin Sens 1</td>
<td>H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 4</td>
<td>H413</td>
</tr>
</tbody>
</table>

"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

4. FIRST AID MEASURES

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 material 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.

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

Main symptoms
Overexposure may cause:
mild respiratory irritation similar to nuisance dust.

Aggravated Medical Conditions
None under normal use conditions

Indication of immediate medical attention and special treatment needed

Protection of first-aiders: No special protective equipment required
Notes to physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

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

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)

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

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Not flammable. Will not readily ignite.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid breathing dust

Environmental precautions
No special environmental precautions required

Methods and material for containment and cleaning up

<table>
<thead>
<tr>
<th>Methods for containment</th>
<th>Prevent dust cloud</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods for cleaning up</td>
<td>Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove</td>
</tr>
</tbody>
</table>

Reference to other sections
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

Precautions for safe handling
Advice on 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

Conditions for safe storage, including any incompatibilities
Technical measures and storage conditions Keep container tightly closed in a dry and well-ventilated place. Store at room temperature

Incompatible products None

Specific end uses
Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters Exposure Limits

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  
Keep out of drains, sewers, ditches and waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point/range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Softening point</td>
<td>49 - 60 °C / 120 - 140 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not flammable. Will not readily ignite.</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>4-5</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Other information  
None

10. STABILITY AND REACTIVITY

Reactivity  
No dangerous reaction known under conditions of normal use

Chemical stability  
Stable under normal conditions.

Possibility of hazardous reactions  
Hazardous reactions: None under normal processing
Hazardous polymerization: Hazardous polymerization does not occur

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

Incompatible Materials  
None

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.
Information on toxicological effects

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel powder</td>
<td>30 g/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity

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

Neurological Effects
- No information available

Target organ effects
- None known

CMR Effects

Mutagenic effects
- Not mutagenic in AMES Test

Reproductive toxicity
- This product does not contain any known or suspected reproductive hazards

Carcinogenicity
- Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard
- Not applicable

Other adverse effects
- None known

12. ECOLOGICAL INFORMATION

Toxicity
- Acute Aquatic Toxicity
  - On available data, substance is not harmful to aquatic life
- Chronic Aquatic Toxicity
  - On available data, substance is not harmful to aquatic life

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel powder</td>
<td></td>
<td>LC50= 13.6 mg/L Morone saxatilis 96 h</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
- Not readily biodegradable

Bioaccumulative potential
- Bioaccumulation is unlikely

Mobility in soil
- Insoluble in water

Other adverse effects
The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
- Waste Disposal Methods
  - 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.

**Contaminated packaging**
No special precautions are needed in handling this material

**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

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

### 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**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.

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

**International Inventories**

<table>
<thead>
<tr>
<th>TSCA</th>
<th>DSL/NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complies</td>
<td>Complies</td>
</tr>
</tbody>
</table>

**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

**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

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**
This product does not contain any substances regulated by state right-to-know regulations.

### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Issuing Date</th>
<th>2019-11-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>2019-11-13</td>
</tr>
<tr>
<td>Revision Note</td>
<td>Initial Release</td>
</tr>
</tbody>
</table>

Full text of H-Statements referred to under sections 2 and 3
H317 - May cause an allergic skin reaction
H413 - May cause long lasting harmful effects to aquatic life

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.

end