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

SDS #: P-70004
Toner - Black, Cyan, Magenta, Yellow

Issuing Date: 2014-08-21
Revision Date: 2017-11-21
Version: 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier
Product Name: Toner for Xerox® Versant™ 80 Press, Xerox® Versant™ 180 Press
Colour: Black, Cyan, Magenta, Yellow

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 Ltd.
Xerox Environment, Health & Safety
Monroe House
Works Road
Letchworth
Herts. SG61LN
UK

For further information, please contact
Contact person: Manager, Environment, Health, Safety & Sustainability
Phone: ++44 (0)1707 353434
Fax: -
E-mail address: ehs-europe@xerox.com

1.4. Emergency telephone
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
None

2.3. Other hazards
No hazard expected under normal conditions of use
3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

This formulation represents multiple colors and the component list includes multiple pigments/dyes. The actual formulation for each color will differ only in the pigment/dye used.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
<th>CAS No.</th>
<th>EC-No</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Hazard Statements</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin</td>
<td>50-75</td>
<td>Proprietary</td>
<td>Not listed</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Ferrite</td>
<td>&lt;10</td>
<td>66402-68-4</td>
<td>266-340-9</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Carbon black</td>
<td>0-10</td>
<td>1333-86-4</td>
<td>215-609-9</td>
<td>--</td>
<td>--</td>
<td>01-2119384822-32-0065</td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>0-10</td>
<td>Proprietary</td>
<td>Listed</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Cyan pigment</td>
<td>0-10</td>
<td>147-14-8</td>
<td>205-685-1</td>
<td>--</td>
<td>--</td>
<td>01-2119458771-32-0044</td>
</tr>
<tr>
<td>Yellow pigment</td>
<td>0-10</td>
<td>6358-31-2</td>
<td>228-768-4</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>&lt;10</td>
<td>7631-86-9</td>
<td>231-545-4</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>&lt;1</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
</tbody>
</table>

Note
Components marked as “Not Listed” are exempt from registration.

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
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

5.3 Special protective actions 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

Flammable properties Not flammable
Flash point Not applicable
Hazardous combustion products Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NOx)

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust

6.2 Environmental precautions

No special environmental precautions required

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

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

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xerox Exposure Limit</td>
<td>2.5 mg/m^3 (total dust)</td>
</tr>
<tr>
<td>Xerox Exposure Limit</td>
<td>0.4 mg/m^3 (respirable dust)</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Engineering measures

None under normal use conditions

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

<table>
<thead>
<tr>
<th>Protection Type</th>
<th>Protection Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection</td>
<td>No special protective equipment required</td>
</tr>
<tr>
<td>Eye/face protection</td>
<td>No special protective equipment required</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>No special protective equipment required</td>
</tr>
<tr>
<td>Hand protection</td>
<td>No special protective equipment required</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Softening point</td>
<td>49-60 °C / 120-140 °F</td>
</tr>
<tr>
<td>Odour</td>
<td>Faint</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>Black, Cyan, Magenta, Yellow</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>~ 1</td>
</tr>
</tbody>
</table>

9.2 Other information

Explosive properties

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

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

<table>
<thead>
<tr>
<th>Hazardous reactions</th>
<th>None under normal processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous polymerisation</td>
<td>Hazardous polymerisation does not occur</td>
</tr>
</tbody>
</table>

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 to avoid
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 toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Irritation</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No skin irritation, No eye irritation</td>
<td>&gt; 5 g/kg (rat)</td>
<td>&gt; 5 g/kg (rabbit)</td>
<td>&gt; 5 mg/L (rat, 4 hr)</td>
</tr>
</tbody>
</table>

Chronic toxicity

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Chronic effects</th>
<th>Carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No known effects under normal use conditions</td>
<td>Not classifiable as a human carcinogen</td>
</tr>
</tbody>
</table>

Other toxic effects

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Sensitisation</th>
<th>Mutagenic effects</th>
<th>Target organ effects</th>
<th>Other adverse effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No sensitisation responses were observed</td>
<td>Not mutagenic in AMES Test</td>
<td>None known</td>
<td>None known</td>
</tr>
</tbody>
</table>
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 Other adverse effects

Presents little or no hazard to the environment

13. DISPOSAL CONSIDERATIONS

13.1 Disposal considerations

Waste Disposal Method: No special precautions are needed in handling this material

EWC Waste Disposal No.: 08 03 18

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

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

15.2 Chemical Safety Assessment

Not applicable

16. OTHER INFORMATION

Issuing Date 2014-08-21
Revision Date 2017-11-21
Revision Note (M)SDS sections updated 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.