

**SAFETY DATA SHEET**

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

SDS # : A-10730

**Toner Black**

Issuing Date 10-Oct-2025

Revision date 01-May-2026

Revision Number 5

**European Version Only****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product Name** **Toner** for Lexmark B2865, Lexmark M5255, Lexmark M5270, Lexmark MB2770, Lexmark MS725, Lexmark MS821, Lexmark MS822, Lexmark MS823, Lexmark MS825, Lexmark MS826, Lexmark MX721, Lexmark MX722, Lexmark MX725, Lexmark MX822, Lexmark MX826, Lexmark XM5365, Lexmark XM5370, Lexmark XM7355, Lexmark XM7370, Lexmark XM7365

**Part no.** 24B7504, 25B3074, 25B3079, 25B3086, 25B3090, 25B3101, 25B3107, 25B3120, 25B3121, 25B3122, 25B3124, 25B3128, 25B3129, 25B3271, 25B3272, 58D000G, 58D0H0G, 58D0HA0, 58D0U0G, 58D0UA0, 58D0UAL, 58D0X0G, 58D0XA0, 58D1000, 58D1H00, 58D1H0E, 58D1M0E, 58D1U00, 58D1U07, 58D1U08, 58D1U0E, 58D1U0L, 58D1U0N, 58D1X00, 58D1X0E, 58D2000, 58D2H00, 58D2H0E, 58D2U00, 58D2U07, 58D2U08, 58D2U0E, 58D2U0L, 58D2U0N, 58D2X00, 58D2X0E, 58D3000, 58D3H00, 58D3H0E, 58D3H0K, 58D3H0K-W, 58D3H0K-WR, 58D3U00, 58D3U07, 58D3U08, 58D3U0E, 58D3U0K, 58D3U0L, 58D3U0N, 58D3X00, 58D3X0E, 58D3X0K, 58D4000, 58D4H00, 58D4H0E, 58D4U00, 58D4U07, 58D4U0E, 58D4U0L, 58D4X00, 58D4X0E, 58D5000, 58D5H00, 58D5H0E, 58D5U00, 58D5U07, 58D5U08, 58D5U0E, 58D5U0L, 58D5U0N, 58D5X00, 58D5X0E, 58D6000, 58D6H00, 58D6H0E, 58D6U00, 58D6U07, 58D6U08, 58D6U0E, 58D6U0L, 58D6U0N, 58D6X00, 58D6X0E, 58DBH00, 58DBH0E, 58DBU00, 58DBU0E, 58DBX00, 58DBX0E, B280XA0, B281000, B281H00, B281X00, B282000, B282H00, B282X00, B283000, B283H00, B283X00, B284000, B284H00, B284X00, B285000, B285H00, B285X00, B286000, B286H00, B286X00, 25B3273, 58D0Z00, 58D0Z0E, 58D0ZA0

**Other means of identification**

**Pure substance/mixture** Mixture

**Colour** Black

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

**Recommended use** Printing

**Uses advised against** No information available

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

**Importer**

Lexmark International Technology Sarl  
A Subsidiary of Xerox Corporation  
ICC Building, Bloc A  
20 route de Pré-Bois, 1215 Geneva 15, Switzerland

For further information, please contact

**Contact Point** Manager, Environment, Health, Safety & Sustainability

**E-mail address** adam.toth@lexmark.com

**Non-Emergency Telephone Number** +41 227107050

**For the most current document** <https://safetydatasheets.business.xerox.com>

**1.4. Emergency telephone number**

**Emergency Telephone** +44 1235 239670

|                                                  |
|--------------------------------------------------|
| <b>Emergency Telephone - §45 - (EC)1272/2008</b> |
|--------------------------------------------------|

|               |            |
|---------------|------------|
| <b>Europe</b> | <b>112</b> |
|---------------|------------|

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**2.2. Label elements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

**2.3. Other hazards**

**Other hazards** May form explosible dust-air mixture if dispersed.

**PBT & vPvB** The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

| Chemical name | Weight-% | CAS No. | EC No (EU Index No) | Classification according to Regulation (EC) No. | REACH registration number |
|---------------|----------|---------|---------------------|-------------------------------------------------|---------------------------|
|---------------|----------|---------|---------------------|-------------------------------------------------|---------------------------|

|                      |       |             |            | 1272/2008 [CLP]                                                                                 |                       |
|----------------------|-------|-------------|------------|-------------------------------------------------------------------------------------------------|-----------------------|
| Polyester Resin      | 75-85 | Proprietary | Not Listed | --                                                                                              | --                    |
| Carbon black         | 1-10  | 1333-86-4   | 215-609-9  | --                                                                                              | --                    |
| Iron Oxide           | 1-5   | 1317-61-9   | 215-277-5  | --                                                                                              | 01-2119457646-28-0082 |
| Charge Control Agent | <2.5  | Proprietary | 403-360-0  | Flam. Sol. 1 (H228)<br>Acute Tox 4 (H302)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | 01-2119890895-16-0002 |
| Titanium dioxide     | <1    | 13463-67-7  | 236-675-5  | --                                                                                              | --                    |
| Zinc stearate        | <0.5  | 557-05-1    | 209-151-9  | --                                                                                              | --                    |

**Note**

Full text of H- statements: see section 16

"--" 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.

**Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name        | Oral LD50 mg/kg   | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|----------------------|-------------------|-------------------|---------------------------------------------|------------------------------------------|--------------------------------------|
| Carbon black         | 10000             | 2000              | 0.0046                                      | No data available                        | No data available                    |
| Iron Oxide           | 10000             | No data available | No data available                           | No data available                        | No data available                    |
| Charge Control Agent | No data available | 2000              | No data available                           | No data available                        | No data available                    |
| Titanium dioxide     | 2000              | No data available | 5.09                                        | No data available                        | No data available                    |
| Zinc stearate        | 2000              | 2000              | 50                                          | No data available                        | No data available                    |

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General advice**

For external use only. Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms** Dust irritates eyes and air passages.

**Effects of Exposure** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to doctors** Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable Extinguishing Media** Use water spray or fog; do not use straight streams.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** Fine dust dispersed in air may ignite.

**Hazardous combustion products** Hazardous decomposition products due to incomplete combustion. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** In case of fire: Wear self-contained breathing apparatus. Use personal protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid generation of dust. Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation. Avoid generation of dust.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Storage class (TRGS 510)** LGK 11.

### 7.3. Specific end use(s)

**Specific use(s)**

See section 1 for more information.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name    | European Union             | Austria                                                  | Belgium                                                   | Bulgaria                                                | Croatia                                                                             |
|------------------|----------------------------|----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| Carbon black     | -                          | -                                                        | TWA: 3 mg/m <sup>3</sup>                                  | -                                                       | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>                             |
| Iron Oxide       | -                          | -                                                        | -                                                         | TWA: 6.0 mg/m <sup>3</sup>                              | -                                                                                   |
| Titanium dioxide | -                          | TWA: 5 mg/m <sup>3</sup><br>STEL 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                                 | TWA: 10.0 mg/m <sup>3</sup>                             | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup>                               |
| Zinc stearate    | -                          | -                                                        | TWA: 10 mg/m <sup>3</sup>                                 | -                                                       | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup> |
| Chemical name    | Cyprus                     | Czech Republic                                           | Denmark                                                   | Estonia                                                 | Finland                                                                             |
| Carbon black     | -                          | TWA: 2.0 mg/m <sup>3</sup>                               | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>   | TWA: 3 mg/m <sup>3</sup>                                | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>                             |
| Iron Oxide       | -                          | TWA: 10 mg/m <sup>3</sup>                                | -                                                         | -                                                       | -                                                                                   |
| Titanium dioxide | -                          | -                                                        | TWA: 6 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup>    | TWA: 5 mg/m <sup>3</sup>                                | -                                                                                   |
| Zinc stearate    | -                          | -                                                        | -                                                         | -                                                       | TWA: 10 mg/m <sup>3</sup>                                                           |
| Chemical name    | France                     | Germany TRGS                                             | Germany DFG                                               | Greece                                                  | Hungary                                                                             |
| Carbon black     | TWA: 3.5 mg/m <sup>3</sup> | -                                                        | -                                                         | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup> | TWA: 3 mg/m <sup>3</sup>                                                            |
| Titanium dioxide | TWA: 10 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup><br>TWA: 1.25 mg/m <sup>3</sup> | TWA: 0.3 mg/m <sup>3</sup><br>Peak: 2.4 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup>   | -                                                                                   |
| Zinc stearate    | TWA: 10 mg/m <sup>3</sup>  | -                                                        | -                                                         | -                                                       | -                                                                                   |
| Chemical name    | Ireland                    | Italy MDLPS                                              | Italy AIDII                                               | Latvia                                                  | Lithuania                                                                           |
| Carbon black     | TWA: 3 mg/m <sup>3</sup>   | -                                                        | TWA: 3 mg/m <sup>3</sup>                                  | -                                                       | -                                                                                   |

|                  |                                                                                                                                                                             |                                                         |                                                                                        |                                                         |                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|                  | STEL: 15 mg/m <sup>3</sup>                                                                                                                                                  |                                                         |                                                                                        |                                                         |                                                                                                                   |
| Iron Oxide       | TWA: 5 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup> | -                                                       | -                                                                                      | -                                                       | -                                                                                                                 |
| Titanium dioxide | 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>                                                              | TWA: 10 mg/m <sup>3</sup>                               | TWA: 5 mg/m <sup>3</sup>                                                                                          |
| Zinc stearate    | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup>                                                           | -                                                       | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup>                                  | -                                                       | TWA: 5 mg/m <sup>3</sup>                                                                                          |
| Chemical name    | Luxembourg                                                                                                                                                                  | Malta                                                   | Netherlands                                                                            | Norway                                                  | Poland                                                                                                            |
| Carbon black     | -                                                                                                                                                                           | -                                                       | -                                                                                      | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup> | TWA: 4 mg/m <sup>3</sup>                                                                                          |
| Iron Oxide       | -                                                                                                                                                                           | -                                                       | -                                                                                      | -                                                       | TWA: 5 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup><br>STEL: 5 mg/m <sup>3</sup> |
| Titanium dioxide | -                                                                                                                                                                           | -                                                       | -                                                                                      | TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup>                                                           |
| Chemical name    | Portugal                                                                                                                                                                    | Romania                                                 | Slovakia                                                                               | Slovenia                                                | Spain                                                                                                             |
| Carbon black     | TWA: 3 mg/m <sup>3</sup>                                                                                                                                                    | -                                                       | TWA: 2 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup><br>Ceiling: 10 mg/m <sup>3</sup> | -                                                       | TWA: 3.5 mg/m <sup>3</sup>                                                                                        |
| Iron Oxide       | -                                                                                                                                                                           | -                                                       | TWA: 4 mg/m <sup>3</sup><br>TWA: 1.5 mg/m <sup>3</sup>                                 | -                                                       | -                                                                                                                 |
| Titanium dioxide | TWA: 10 mg/m <sup>3</sup>                                                                                                                                                   | TWA: 10 mg/m <sup>3</sup><br>STEL: 15 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup>                                                               | -                                                       | TWA: 10 mg/m <sup>3</sup>                                                                                         |
| Zinc stearate    | TWA: 10 mg/m <sup>3</sup>                                                                                                                                                   | TWA: 10 mg/m <sup>3</sup>                               | -                                                                                      | -                                                       | TWA: 10 mg/m <sup>3</sup>                                                                                         |
| Chemical name    | Sweden                                                                                                                                                                      |                                                         | Switzerland                                                                            |                                                         | United Kingdom                                                                                                    |
| Carbon black     | NGV: 3 mg/m <sup>3</sup>                                                                                                                                                    |                                                         | -                                                                                      |                                                         | TWA: 3.5 mg/m <sup>3</sup><br>STEL: 7 mg/m <sup>3</sup>                                                           |
| Titanium dioxide | NGV: 5 mg/m <sup>3</sup>                                                                                                                                                    |                                                         | TWA: 3 mg/m <sup>3</sup><br>TWA: 10 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> |
| Zinc stearate    | NGV: 5 mg/m <sup>3</sup>                                                                                                                                                    |                                                         | TWA: 3 mg/m <sup>3</sup>                                                               |                                                         | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup> |

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers**

| Chemical name        | Oral | Dermal                    | Inhalation                       |
|----------------------|------|---------------------------|----------------------------------|
| Carbon black         | -    | -                         | 1 mg/m <sup>3</sup> [4] [6]      |
| Charge Control Agent | -    | 0.26 mg/kg bw/day [4] [6] | 0.9404 mg/m <sup>3</sup> [4] [6] |
| Zinc stearate        | -    | 4.67 mg/kg bw/day [4] [6] | 16.4 mg/m <sup>3</sup> [4] [6]   |

**Notes**

[4] Systemic health effects.  
 [6] Long term.

**Derived No Effect Level (DNEL) - General Public**

| Chemical name        | Oral                       | Dermal | Inhalation                      |
|----------------------|----------------------------|--------|---------------------------------|
| Carbon black         | -                          | -      | 0.06 mg/m <sup>3</sup> [4] [6]  |
| Charge Control Agent | 0.133 mg/kg bw/day [4] [6] | -      | 0.231 mg/m <sup>3</sup> [4] [6] |
| Zinc stearate        | 1.67 mg/kg bw/day [4] [6]  | -      | 2.9 mg/m <sup>3</sup> [4] [6]   |

**Notes**

[4] Systemic health effects.  
 [6] Long term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name        | Freshwater | Freshwater<br>(intermittent release) | Marine water | Marine water<br>(intermittent release) | Air |
|----------------------|------------|--------------------------------------|--------------|----------------------------------------|-----|
| Carbon black         | 50 mg/L    | -                                    | -            | -                                      | -   |
| Charge Control Agent | 0.73 µg/L  | 7.3 µg/L                             | 0.073 µg/L   | -                                      | -   |
| Zinc stearate        | 3.4 µg/L   | 4.13 µg/L                            | 0.34 µg/L    | 0.413 µg/L                             | -   |

| Chemical name        | Freshwater<br>sediment  | Marine sediment         | Sewage treatment | Soil                | Food chain |
|----------------------|-------------------------|-------------------------|------------------|---------------------|------------|
| Charge Control Agent | 9.78 µg/kg sediment dw  | 0.978 µg/kg sediment dw | 18 mg/L          | 1.53 µg/kg soil dw  | -          |
| Zinc stearate        | 0.526 mg/kg sediment dw | 52.6 µg/kg sediment dw  | -                | 0.103 mg/kg soil dw | -          |

**8.2. Exposure controls**

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

**Personal protective equipment**

**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 protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Thermal hazards** None under normal processing.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Solid                    |
| <b>Appearance</b>      | Powder                   |
| <b>Colour</b>          | Black                    |
| <b>Odour</b>           | Faint.                   |
| <b>Odour threshold</b> | No information available |

| <u>Property</u>                                | <u>Values</u>            | <u>Remarks • Method</u> |
|------------------------------------------------|--------------------------|-------------------------|
| <b>Melting point / freezing point</b>          | Not applicable           | None known              |
| <b>Initial boiling point and boiling range</b> | Not applicable           | None known              |
| <b>Flammability</b>                            | Not flammable            | None known              |
| <b>Flammability Limit in Air</b>               |                          | None known              |
| <b>Upper flammability or explosive limits</b>  | Not applicable           |                         |
| <b>Lower flammability or explosive limits</b>  | Not applicable           |                         |
| <b>Flash point</b>                             | Not applicable           | None known              |
| <b>Autoignition temperature</b>                | Not applicable           | None known              |
| <b>Decomposition temperature</b>               | Not applicable           | None known              |
| <b>pH</b>                                      | Not applicable           | None known              |
| <b>pH (as aqueous solution)</b>                | No data available        | None known              |
| <b>Kinematic viscosity</b>                     | Not applicable           | None known              |
| <b>Dynamic viscosity</b>                       | Not applicable           | None known              |
| <b>Water solubility</b>                        | negligible               | None known              |
| <b>Solubility(ies)</b>                         | No data available        | None known              |
| <b>Partition coefficient</b>                   | Not applicable           | None known              |
| <b>Vapour pressure</b>                         | Not applicable           | None known              |
| <b>Relative density</b>                        |                          | None known              |
| <b>Bulk density</b>                            | Not applicable           |                         |
| <b>Liquid Density</b>                          | Not applicable           |                         |
| <b>Relative vapour density</b>                 | No data available        | None known              |
| <b>Particle characteristics</b>                |                          |                         |
| <b>Particle Size</b>                           | No information available |                         |
| <b>Particle Size Distribution</b>              | 4 - 9 micron             |                         |

### 9.2. Other information

|                        |                           |
|------------------------|---------------------------|
| <b>Softening point</b> | 49 - 60 °C / 120 - 140 °F |
| <b>VOC content</b>     | None                      |

#### 9.2.1. Information with regards to physical hazard classes

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

#### 9.2.2. Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| <b>Reactivity</b> | No dangerous reaction known under conditions of normal use. |
|-------------------|-------------------------------------------------------------|

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to avoid** Generation/formation of dust.

**10.5. Incompatible materials**

**Incompatible materials** None known based on information supplied.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

**SECTION 11: Toxicological information**

**Note:** The toxicity data noted below is based on the test results of similar reprographic materials.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure**

**Inhalation** No known effects under normal use conditions.

**Eye contact** No hazard from product as supplied.

**Skin contact** No hazard from product as supplied.

**Ingestion** No hazard from product as supplied.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** None known.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Acute toxicity** Based on available data, the classification criteria are not met.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 2,702.90 mg/kg

ATEmix (dermal) 2,609.40 mg/kg

ATEmix (inhalation-gas) 99,999.00 ppm

ATEmix (inhalation-vapour) 99,999.00 mg/L

| Chemical name | Oral LD50             | Dermal LD50             | Inhalation LC50                     |
|---------------|-----------------------|-------------------------|-------------------------------------|
| Carbon black  | > 10000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 4.6 mg/m <sup>3</sup> ( Rat ) 4 h |
| Iron Oxide    | > 10000 mg/kg ( Rat ) | -                       | -                                   |

|                      |                      |                         |                         |
|----------------------|----------------------|-------------------------|-------------------------|
| Charge Control Agent | -                    | > 2000 mg/kg ( Rat )    | -                       |
| Titanium dioxide     | > 2000 mg/kg ( Rat ) | -                       | > 5.09 mg/L ( Rat ) 4 h |
| Zinc stearate        | > 2000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 200 mg/L ( Rat ) 1 h  |

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Not mutagenic in AMES Test.

**Carcinogenicity**

The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". However, we have concluded that the presence of carbon black in this mixture does not present a health hazard. The IARC classification is based on studies evaluating pure, "free" carbon black. In contrast, toner is a formulation composed of specially prepared polymer and a small amount of carbon black (or other pigment). In the process of making toner, the small amount of carbon black becomes encapsulated within a matrix. We have performed extensive testing of toner, including a chronic bioassay (test for potential carcinogenicity). Exposure to toner did not produce evidence of cancer in exposed animals. The results were submitted to regulatory agencies and published extensively.

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". However, we have 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. In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner.

| Chemical name    | European Union |
|------------------|----------------|
| Titanium dioxide | Carc. 2        |

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

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This mixture does not contain any substance that has endocrine disrupting properties with

respect to humans.

### 11.2.2. Other information

#### Other adverse effects

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.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity

Not considered to be harmful to aquatic life.

| Product Information                                                           |                                 |                                           |                            |               |                                                              |
|-------------------------------------------------------------------------------|---------------------------------|-------------------------------------------|----------------------------|---------------|--------------------------------------------------------------|
| Method                                                                        | Species                         | Endpoint type                             | Effective dose             | Exposure time | Results                                                      |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test | Pseudokirchneriella subcapitata | EC50                                      | 370 mg/L                   | 72 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test | Pseudokirchneriella subcapitata | ErC50                                     | >625 mg/L                  | 72 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test | Pseudokirchneriella subcapitata | EYC50                                     | 368 mg/L                   | 72 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 203: Fish, Acute Toxicity Test                                  | Pimephales promelas             | LC50                                      | > 625 mg/L                 | 96 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 203: Fish, Acute Toxicity Test                                  | Pimephales promelas             | NOEC                                      | 625 mg/L                   | 96 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 202: Daphnia sp., Acute Immobilisation Test                     | Daphnia magna                   | EC50                                      | 625 mg/L                   | 48 hours      | Harmless to aquatic organisms up to the tested concentration |
| OECD Test No. 202: Daphnia sp., Acute Immobilisation Test                     | Daphnia magna                   | NOEC                                      | 40 mg/L                    | 48 hours      | Harmless to aquatic organisms up to the tested concentration |
| Chemical name                                                                 | Algae/aquatic plants            | Fish                                      | Toxicity to microorganisms | Crustacea     |                                                              |
| Charge Control Agent                                                          | -                               | LC50: =5.5mg/L (96h, Oncorhynchus mykiss) | -                          | -             |                                                              |

### 12.2. Persistence and degradability

#### Persistence and degradability

Not readily biodegradable.

### 12.3. Bioaccumulative potential

#### Bioaccumulation

| Chemical name        | Partition coefficient |
|----------------------|-----------------------|
| Charge Control Agent | 2.32                  |
| Zinc stearate        | 4.64                  |

### 12.4. Mobility in soil

#### Mobility in soil

The product is insoluble and floats on water.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB.

| Chemical name        | PBT and vPvB assessment |
|----------------------|-------------------------|
| Carbon black         | Not PBT/vPvB            |
| Iron Oxide           | Not PBT/vPvB            |
| Charge Control Agent | Not PBT/vPvB            |
| Titanium dioxide     | Not PBT/vPvB            |
| Zinc stearate        | Not PBT/vPvB            |

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This mixture does not contain any substance that has endocrine disrupting properties with respect to non-target organisms.

## 12.7. Other adverse effects

**Other adverse effects** No information available.

**PMT or vPvM properties** The product does not contain any substance(s) classified as PMT or vPvM.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Can be landfilled or incinerated, when in compliance with local regulations.

**Contaminated packaging** Dispose of contents/containers in accordance with local regulations.

**Waste codes / waste designations according to EWC** 08 03 18.

**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. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

## SECTION 14: Transport information

### IATA

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated  
 14.3 Transport hazard class(es) Not regulated  
 14.4 Packing group Not regulated  
 14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user  
 Special Provisions None

### IMDG

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated  
 14.3 Transport hazard class(es) Not regulated  
 14.4 Packing group Not regulated  
 14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user  
 Special Provisions None  
 14.7 Maritime transport in bulk according to IMO instruments No information available

**RID**

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |
| Special Provisions                | None           |

**ADR**

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |
| Special Provisions                | None           |

**ADN**

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazard         | Not applicable |
| 14.6 Special precautions for user |                |
| Special Provisions                | None           |

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number |
|---------------|------------------|
| Carbon black  | RG 16, RG 16bis  |

**Switzerland**

|                                                                                       |                           |
|---------------------------------------------------------------------------------------|---------------------------|
| <b>Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018</b> | Not applicable            |
| <b>Storage of Hazardous Material</b>                                                  | SC Non-hazardous material |
| <b>WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20</b>                                  | Not applicable            |

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Toners and inks are subject to the derogations referred to in Paragraphs 4a and/or 5 (a/b/c) of the Regulation.

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**EU - Plant Protection Products (1107/2009/EC)**

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---------------|-----------------------------------------------|
| Carbon black  | Plant protection agent                        |

**International Inventories**

|                      |                                                  |
|----------------------|--------------------------------------------------|
| <b>TSCA</b>          | Complies                                         |
| <b>DSL/NDL</b>       | Complies                                         |
| <b>EINECS/ELINCS</b> | Complies                                         |
| <b>ENCS</b>          | Contact supplier for inventory compliance status |
| <b>IECSC</b>         | Contact supplier for inventory compliance status |
| <b>KECL</b>          | Contact supplier for inventory compliance status |
| <b>PICCS</b>         | Contact supplier for inventory compliance status |
| <b>AIIC</b>          | Contact supplier for inventory compliance status |
| <b>NZIoC</b>         | Contact supplier for inventory compliance status |
| <b>TCSI</b>          | Contact supplier for inventory compliance status |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing Chemicals Inventory  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals  
**TCSI** - Taiwan Chemical Substance Inventory

**15.2. Chemical safety assessment**

**Chemical Safety Report** A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H228 - Flammable solid  
H302 - Harmful if swallowed  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorisation:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate  
 LC50: 50% Lethal Concentration  
 LD50: 50% Lethal Dose

**Legend Section 8: Exposure controls/personal protection**

TWA TWA (time-weighted average)  
 Ceiling Maximum limit value  
 + Sensitisers

STEL  
 Sk\*

STEL (Short Term Exposure Limit)  
 Skin designation

| Classification procedure                                        |                       |
|-----------------------------------------------------------------|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used           |
| Acute oral toxicity                                             | Calculation method    |
| Acute dermal toxicity                                           | Calculation method    |
| Acute inhalation toxicity - gas                                 | Calculation method    |
| Acute inhalation toxicity - vapour                              | Calculation method    |
| Acute inhalation toxicity - dust/mist                           | On basis of test data |
| Skin corrosion/irritation                                       | Calculation method    |
| Serious eye damage/eye irritation                               | Calculation method    |
| Respiratory sensitisation                                       | Calculation method    |
| Skin sensitisation                                              | Calculation method    |
| Mutagenicity                                                    | Calculation method    |
| Carcinogenicity                                                 | On basis of test data |
| Reproductive toxicity                                           | Calculation method    |
| STOT - single exposure                                          | Calculation method    |
| STOT - repeated exposure                                        | Calculation method    |
| Acute aquatic toxicity                                          | On basis of test data |
| Chronic aquatic toxicity                                        | On basis of test data |
| Aspiration hazard                                               | Calculation method    |
| Ozone                                                           | Calculation method    |

**Key literature references and sources for data used to compile the SDS**

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 U.S. Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan National Institute of Technology and Evaluation (NITE)  
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 U.S. National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
 United Nations World Health Organization (WHO)

**Revision date** 01-May-2026

**Revision Note**

Part number(s) 25B3273, 58D0Z00, 58D0Z0E, 58D0ZA0 added  
Model(s) XM7365 added

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

**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.

**End of Safety Data Sheet**