SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878 as amended

SDS # : A-10033

Toner - black, Cyan, Magenta, yellow

Issuing Date 28-Aug-2012 **Revision date** 27-Sep-2024 **Revision Number** 6

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

1.1 Product Identifier

Product Name Toner for Phaser 7100

Part no. 106R02599, 106R02600, 106R02601, 106R02602, 106R02603, 106R02604, 106R02605, 106R02606, 106R02607, 106R02608, 106R02609, 106R02610, 106R02611, 106R02612, 106R02620, 106R02621, 106R02622, 106R02623

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.
Building 4
Uxbridge Business Park
Sanderson Road
Uxbridge
Middlesex. UB8 1DH
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

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

1.4 Emergency telephone number

Not applicable

SECTION 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 2020/878.

2.2 Label elements

None

2.3 Other hazards

Not a PBT according to REACH Annex XIII

May form explosible dust-air mixture if dispersed

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard Statements	REACH registration number
Resin	30-70	Proprietary	Listed	--	--	--
Ceramic materials	10-20	66402-68-4	266-340-9	--	--	--
Paraffin wax	1-10	8002-74-2	232-315-6	--	--	--
Yellow pigment	0-10	6358-31-2	228-768-4	--	--	--
Carbon black	0-10	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Cyan Pigment	0-10	147-14-8	205-685-1	--	--	01-2119458771-32-0044
Magenta pigment	0-10	980-26-7	213-561-3	--	--	01-2119456804-33-0008
Silica (Surface Treated)	<2	68909-20-6	272-697-1	STOT RE 2	H373	--
Titanium dioxide	<1	13463-67-7	236-675-5	Carc (Inhal) 2	H351	--

Full text of H- statements: see section 16
Note
"--" 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.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

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

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

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 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

Hazardous combustion products
Hazardous decomposition products due to incomplete combustion. Carbon oxides Nitrogen oxides (NOx)

5.3 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

Flammability	Not flammable Not flammable
Flash point	Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust

6.2 Environmental precautions

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

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

See section 12 for additional ecological information
See Section 13 for additional information

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Xerox Exposure Limit 2.5 mg/m³ (total dust)
Xerox Exposure Limit 0.4 mg/m³ (respirable dust)
Exposure Limits For country specific exposure limits see Section 16

8.2 Exposure controls

Engineering measures 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 special protective equipment required
Thermal hazards None under normal processing

Environmental Exposure Controls

Environmental Exposure Controls Keep out of drains, sewers, ditches and waterways

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Powder	**Odour**	Faint
Physical state	Solid	**Odour threshold**	Not applicable
Colour	black, Cyan, Magenta, yellow	**pH**	Not applicable

Flash point	Not applicable
Melting point / freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Softening point	49 - 60 °C / 120 - 140 °F
Evaporation rate	Not applicable
Flammability	Not flammable Not flammable
Flammability Limits in Air	Not applicable
Vapour pressure @20 °C (kPa)	Not applicable
Relative vapor density	Not applicable
Specific gravity	1 - 2
Water solubility	Negligible
Partition coefficient	Not applicable
Autoignition temperature	Not applicable
Decomposition temperature	Not determined
Viscosity	Not applicable
Explosive properties	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
Oxidising properties	Not applicable

9.2 Other information

None

SECTION 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

Hazardous reactions	None under normal processing
Hazardous polymerisation	Hazardous polymerisation does not occur

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

None

10.6 Hazardous decomposition products

None under normal use

SECTION 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

Product Information .

Irritation	No skin irritation, No eye irritation
Oral LD50	> 5 g/kg (rat)
Dermal LD50	> 5 g/kg (rabbit)
Inhalation LC50	> 5 (rat, 4 hr)

Chronic toxicity

Product Information

Chronic effects	No known effects under normal use conditions
Carcinogenicity	See "Other Information" in this section.
Other information	The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". However, Xerox has 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. Xeroxhas 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, Xerox has 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 TiO2 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.

Other toxic effects

Product Information

Sensitisation	No sensitisation responses were observed
Mutagenic effects	Not mutagenic in AMES Test
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards

Target organ effects None known

Other adverse effects None known
Aspiration Hazard Not applicable

11.2 Information on other hazards

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

SECTION 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 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

12.7 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 13. DISPOSAL CONSIDERATIONS

13.1 Disposal considerations

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

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.

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SECTION 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 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 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 2020/878.

15.2 Chemical Safety Assessment

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

SECTION 16. OTHER INFORMATION

Issuing Date 28-Aug-2012
Revision date 27-Sep-2024
Revision Note Update to format
Full text of H-Statements referred to under sections 2 and 3
H351 - Suspected of causing cancer if inhaled
H373 - May cause damage to organs through prolonged or repeated exposure

Additional advice

EU Country Specific Exposure Limits

Chemical name	United Kingdom	Ireland	France	Germany DFG	Netherlands
Ceramic materials	STEL 10 mg/m³ TWA 0.6 mg/m³ STEL 0.15 mg/m³ TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³	TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³ STEL 10 mg/m³ STEL 0.6 mg/m³ STEL 0.15 mg/m³		AGW 0.2 mg/m³ AGW 0.02 mg/m³	TWA 0.2 mg/m³ TWA 0.05 mg/m³
Paraffin wax	STEL 6 mg/m³ TWA 2 mg/m³	TWA 2 mg/m³ STEL 6 mg/m³	TWA 2 mg/m³		
Yellow pigment				K1	
Carbon black	STEL 7 mg/m³ TWA 3.5 mg/m³	TWA 3 mg/m³ STEL 15 mg/m³	TWA 3.5 mg/m³		
Titanium dioxide	STEL 30 mg/m³ STEL 12 mg/m³ TWA 10 mg/m³ TWA 4 mg/m³	TWA 10 mg/m³ TWA 4 mg/m³ STEL 30 mg/m³ STEL 12 mg/m³	TWA 10 mg/m³		

Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Ceramic materials	TWA 0.2 mg/m³ TWA 5 mg/m³ STEL 10 mg/m³	SS-C** TWA 5 mg/m³ TWA 0.5 mg/m³	STEL 1.6 mg/m³ TWA 5 mg/m³ TWA 0.2 mg/m³	STEL 20mg/m³ TWA 5mg/m³	TWA 2.0 mg/m³ TWA 1 mg/m³ Ceiling 2 mg/m³
Paraffin wax	TWA 2 mg/m³	TWA 2 mg/m³			
Yellow pigment			C		
Carbon black	TWA 3 mg/m³				TWA 2.0 mg/m³
Cyan Pigment			STEL 4 mg/m³ STEL 0.4 mg/m³ TWA 1 mg/m³ TWA 0.1 mg/m³	STEL 4mg/m³	
Titanium dioxide	TWA 10 mg/m³	SS-C** TWA 3 mg/m³	STEL 10 mg/m³ TWA 5 mg/m³		

Chemical name	Spain	Portugal	Italy MDLPS	Greece	Romania
Ceramic materials	TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³ STEL 10 mg/m³	TWA 5 mg/m³ TWA 0.2 mg/m³ STEL 10 mg/m³ C(A4)		TWA 0.2 mg/m³ TWA 0.05 mg/m³ TWA 5 mg/m³ STEL 10 mg/m³	STEL 10 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³ TWA 5 mg/m³
Paraffin wax	TWA 2 mg/m³	TWA 2 mg/m³		TWA 2 mg/m³ STEL 6 mg/m³	STEL 6 mg/m³ TWA 2 mg/m³
Carbon black	TWA 3.5 mg/m³	TWA 3.5 mg/m³ C(A4)		TWA 3.5 mg/m³ STEL 7 mg/m³	
Cyan Pigment	TWA 0.1 mg/m³				
Titanium dioxide	TWA 10 mg/m³	TWA 10 mg/m³ C(A4)		TWA 10 mg/m³ TWA 5 mg/m³	STEL 15 mg/m³ TWA 10 mg/m³

Chemical name	Poland	Denmark	Sweden	Finland	Norway

Chemical name	Poland	Denmark	Sweden	Finland	Norway
Ceramic materials	TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³ STEL 10 mg/m³	TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³	TLV 0.2 mg/m³ TLV 0.05 mg/m³	TWA 1 mg/m³ TWA 0.2 mg/m³ TWA 0.02 mg/m³	TWA 0.5 mg/m³ TWA 5 mg/m³ TWA 0.2 mg/m³ TWA 0.05 mg/m³ STEL 1.5 mg/m³ STEL 10 mg/m³ STEL 0,6 ppm STEL 0.15 mg/m³
Paraffin wax	TWA 2 mg/m³	TWA 2 mg/m³		TWA 1 mg/m³	TWA 2 mg/m³ STEL 4 mg/m³
Carbon black	TWA 4 mg/m³	TWA 3.5 mg/m³	TLV 3 mg/m³	TWA 3.5 mg/m³ STEL 7 mg/m³	TWA 3.5 mg/m³ STEL 7 mg/m³
Cyan Pigment				TWA 0.02 mg/m³	
Titanium dioxide	TWA 10 mg/m³ STEL 30 mg/m³	TWA 6 mg/m³	TLV 5 mg/m³		TWA 5 mg/m³ STEL 10 mg/m³

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

End of Safety Data Sheet