

SAFETY DATA SHEET

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

SDS # : A-10158

Toner - Black

Issuing Date 2016-07-07

Revision Date 2018-09-26

Version 2

European Version Only**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product Identifier**

Product Name Toner for Brother DCP-L8400, Brother DCP-L8450, Brother HL-8250, Brother HL-L8350, Brother MFC-L8600, Brother MFC-L8650, Brother MFC-L8850
Part no. 006R03395, 006R03399
Colour Black

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 & Sustainability
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 number

Not applicable

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Not classified According to Regulation (EC) No 1272/2008

2.2 Label elements

Contains Rosin fumarated, May produce an allergic reaction

2.3 Other hazards

Contains a chemical that can cause an allergic reaction in susceptible people

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements	REACH Registration Number
Styrene/acrylate copolymer	85-90	Proprietary	Not listed	--	--	--
Amorphous silica	1-5	7631-86-9	231-545-4	--	--	--
Polyolefin	1-5	9010-79-1	Not listed	--	--	--
Carbon black	1-5	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
Solvent black dye	0.1-5	8005-02-5	616-851-1	Acute Tox. 3 (oral, derm, inhal) Skin Sens 1 Eye Dam 1 Mut 2 Carc 2 STOT RE 1 Acute Aqua 1	H301 H311 H331 H317 H318 H341 H351 H372 H400	--
Fumerated rosin	0.1-0.99	65997-04-8	266-040-8	Eye Dam. 1 Skin Sens. 1	H317 H318	--

Full text of H- statements: see section 16

Note

Components marked as "Not Listed" are exempt from registration.

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

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

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.

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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

Hazardous combustion products Hazardous decomposition products due to incomplete combustion, Carbon oxides, Nitrogen oxides (NO_x)

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

5.3 Advice for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Wear fire/flammable 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
Flash point	Not applicable

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.

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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

Xerox Exposure Limit 2.5 mg/m³ (total dust)
Xerox Exposure Limit 0.4 mg/m³ (respirable dust)

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 Keep out of drains, sewers, ditches and waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder	Odour	Faint
Physical state	Solid	Odour threshold	Not applicable
Colour	Black	pH	Not applicable
Flash point	Not applicable		
Boiling point/boiling range	Not applicable		
Softening point	49 - 60 °C	/	120 - 140 °F
Evaporation rate	Not applicable		

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Flammability	Not flammable
Flammability Limits in Air	Not applicable
Explosive Limits	No data available
Vapour pressure	Not applicable
Vapour density	Not applicable
Specific gravity	~ 1
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

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

11. TOXICOLOGICAL INFORMATION

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

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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)
LC50 Inhalation	> 5 mg/L (rat, 4 hr)

Chronic toxicity

Product Information

Chronic effects	No known effects under normal use conditions
Carcinogenicity	Not classifiable as a human carcinogen
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. Xerox has 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.

Other toxic effects

Product Information

Sensitisation	Contains a chemical that can cause an allergic reaction in susceptible people
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

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

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12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 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**13.1 Waste treatment methods**

Waste Disposal Method	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.
EWC Waste Disposal No.	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.

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

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15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not classified According to Regulation (EC) No 1272/2008

Labelling

Contains Rosin fumarated, May produce an allergic reaction

15.2 Chemical Safety Assessment

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

16. OTHER INFORMATION

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Revision Note (M)SDS sections updated

Full text of H-Statements referred to under sections 2 and 3 H301 + H311 + H331 - Toxic if swallowed, in contact with skin or if inhaled

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H341 - Suspected of causing genetic defects

H351 - Suspected of causing cancer

H372 - Causes damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

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.