

SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: **Toner used in Xerox Cartridges for Lexmark printers**
 Datasheet Number: 3-1240 1. 0. 1
 Product Part Number: 106R01549, 106R01550, 106R01551, 106R01552, 106R01553, 106R01554, 106R01555, 106R01556, 106R01557, 106R01558, 106R01559, 106R01561, 106R01562, 106R02336, 106R02337, 106R02652, 106R02653, 106R02654, 006R03156, 006R03179, 006R03208
 Chemical Name: None
 Applicable products: E230, E250, E260, E330, E350, E360, E450, E460, T420, T430, T520, T620, T630, T640, T644, T650, T654, X264, X342, X363, X364, X463

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

Toner

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Xerox Ltd.
 Address of Supplier: Xerox Environment, Health & Safety
 Bessemer Road
 Welwyn Garden City
 Herts. AL7 1BU
 UK
 Telephone: ++44 (0)1707 353434
 Fax: ++44 (0)1707 353914
 Responsible Person: Manager, Environment, Health and Safety
 Email: ehs-europe@xerox.com

1.4 Emergency telephone number

Not applicable

2 Hazards identification

2.1 Classification of the substance or mixture

- Not Classified

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

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Polyester resin	70-85%	-	-	None	None
Magnetite	7-15%	1317-61-9	215-277-5	None	None
Carbon black	3-8%	1333-86-4	215-609-9	None	None
Wax	1-5%	-	-	None	None
Metal oxide	<3%	-	-	None	None
Salicylic acid derivative	<2%	42405-40-3	403-360-0	H228, H302, H400, H410	GHS02, GHS07, GHS09

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- Remove patient to fresh air
- Give 200-300mls (half pint) water to drink
- If substance has got into eyes, immediately wash out with plenty of water

4 First aid measures (....)

- 4 .2 Most important symptoms and effects, both acute and delayed
 - Not hazardous
 - 4 .3 Indication of immediate medical attention and special treatment needed
 - Not applicable
-

5 Fire-fighting measures

- 5 .1 Extinguishing media
 - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
 - 5 .2 Special hazards arising from the substance or mixture
 - In case of fire, do not breathe fumes
 - May form explosive dust/air mixtures
 - 5 .3 Advice for firefighters
 - No information available
-

6 Accidental release measures

- 6 .1 Personal precautions, protective equipment and emergency procedures
 - Avoid raising dust
 - 6 .2 Environmental Precautions
 - No special precautions are required for this product
 - 6 .3 Methods and material for containment and cleaning up
 - Toner, as with any fine dust, if suspended in air in the right proportion, can present an explosion hazard. Therefore, if a cloud is formed by accident, all sources of ignition should be removed until the spill is dealt with
 - 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
 - None
-

7 Handling and storage

- 7 .1 Precautions for safe handling
 - No special precautions are required for this product
 - 7 .2 Conditions for safe storage, including any incompatibilities
 - Keep in a cool, dry place
 - 7 .3 Specific end use(s)
 - Xerographic printing
-

8 Exposure controls/personal protection

- 8 .1 Control parameters
 - Xerox Exposure Limits: 2.5 mg/m³ (8hr TWA) total inhalable dust; 0.4 mg/m³ (8hr TWA) total respirable dust
 - 8 .2 Exposure controls
 - No special precautions are required for this product
- Occupational exposure controls
- No special precautions are required for this product
-

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Black powder
- Odour: Odourless
- pH - not applicable
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point: >110°C
- Insoluble in water
- Flash point - not applicable

9.2 Other information

- None
-

10 Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No special precautions are required for this product

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
-

11 Toxicological information

11.1 Information on toxicological effects

Inhalation

- Tests on toners containing similar materials indicate no evidence of acute inhalation toxicity

Contact with skin

- Tests on toners containing similar materials indicate no evidence of acute dermal toxicity; non-irritating and non-sensitising in human patch test

Contact with eyes

- Tests on other toners containing the toner constituents indicate non-irritation to the eye

Ingestion

- Tests on toners containing similar materials indicate no evidence of acute oral toxicity

Carcinogenicity

- Carcinogens: None present

Mutagenicity

- No evidence of mutagenic effects
-

12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life
 - IC50 (algae) >100 mg/l (72 hr)
-

12 Ecological information (....)

- 12 .2 Persistence and degradability
 - Not readily biodegradable
 - 12 .3 Bioaccumulation Potential
 - Bioaccumulation is insignificant
 - 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 Waste treatment methods
 - No special precautions are required for this product
 - Landfill is the recommended method of disposal
 - If incineration is to be carried out, care must be exercised to prevent dust clouds forming

Classification

- European Waste Code: 08 03 18
-

14 Transport information

- 14 .5 Environmental hazards
 - Presents little or no hazard to the environment
 - 14 .6 Special precautions for user
 - Not classified as hazardous for transport
 - 14 .7 Transport in bulk according to Annex II of 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
 - Not classified as hazardous for supply
 - 15 .2 Chemical Safety Assessment
 - Not applicable
-

16 Other information

Text of H phrase codes used in this safety data sheet:- H228: Flammable solid.; H302: Harmful if swallowed.; H400: Very toxic to aquatic life.; H410: Very toxic to aquatic life with long lasting effects..