

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 HP LJ 9000, Office Jet 4500 black printers
 Datasheet Number: 3-1304 1. 0. 0
 Product Part Number: 497L00010, 498L00493
 Chemical Name: None

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
Styrene/acrylate polymer	40-60%	Confidential	-	None	None
Magnetite	35-55%	Confidential	-	None	None
Wax	1-10%	Confidential	-	None	None
Silica	<5%	Confidential	-	None	None
Chromium azo dye	0.5-2%	-	400-110-2	H242, H400, H410	GHS02, 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

4.2 Most important symptoms and effects, both acute and delayed

- Not hazardous

4 First aid measures (....)

4 .3 Indication of immediate medical attention and special treatment needed

- Not applicable
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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
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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
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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
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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
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9 Physical and chemical properties

9 .1 Information on basic physical and chemical properties

- Appearance: Black powder
 - Odour: Slight odour
 - pH - not applicable
 - Vapour pressure - not applicable
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9 Physical and chemical properties (....)

- Vapour density - not applicable
- Insoluble in water
- Specific gravity (water=1) 1.5-2.5
- Flash point - not applicable
- Auto-ignition point - not known
- Flash point - not applicable
- Auto-ignition point - not known

9 .2 Other information

- None
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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
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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 toners containing similar materials indicate non-irritating to rabbit eye mucosa

Ingestion

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

Carcinogenicity

- Carcinogens: None present

Mutagenicity

- No evidence of mutagenic effects
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12 Ecological information

12 .1 Toxicity

- IC50 (algae) >1000 mg/l (72 hr)
- EC50 (Daphnia magna) >1000 mg/l (48 hr)
- LC50 (rainbow trout) >1000 mg/l (96 hr)

12 .2 Persistence and degradability

- Not readily biodegradable
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12 Ecological information (....)

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
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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
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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
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15 Regulatory information

15 .1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not hazardous according to current The Dangerous Preparations Directive (88/379/EEC)

15 .2 Chemical Safety Assessment

Not applicable

16 Other information

Text of H phrase codes used in this safety data sheet:- H242: Heating may cause a fire.; H400: Very toxic to aquatic life.; H410: Very toxic to aquatic life with long lasting effects..