
SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name: **TONER TYPE R 1040/1045/1048/1050/5040/5042/5051/5052/5053/5345/5355/5435**
Datasheet Number: 3-1013 1. 1. 0
Product Part Number: 6R90054, 6R90067, 6R90073, 6R90078, 6R90091, 6R90092,
6R90094, 6R90110, 6R90115, 6R90209
None



Name of Supplier: Xerox Ltd.
Address of Supplier: Xerox Environment, Health & Safety - BC1
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Welwyn Garden City
Herts. AL7 1BU
UK
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Responsible Person: Manager, Environment, Health and Safety
Emergency Telephone: Not applicable

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Copolymer of styrene/ n-butyl methacrylate	85-90%	25213-39-2		None	None
Carbon black	10-15%	1333-86-4		None	None
Zinc stearate	<1%	557-05-1		None	None
Amorphous Silica	<1%	112945-52-5/7631-86-9		None	None

3 Hazards identification

- Odour: Odourless
- Appearance: Black powder
- There are no significant hazards associated with this product

4 First aid measures**Contact with skin**

- Wash with soap and cold water

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water

Ingestion

- Give 200-300mls (half pint) water to drink

Inhalation

- Remove patient to fresh air

5 Fire-fighting measures

- Flash point - not applicable
- Explosive Limits: Test data show that lower explosive limits are 0.035 - 0.1kg/m³; upper limits are not well defined but could be up to 2kg/m³. Minimum ignition energies to ignite toner clouds and layers are of the order of 52.5 and 110.0mJ respectively. Ignition temperatures to ignite toner dust clouds and layers are approximately 496 and 388°C respectively
- Auto-ignition point - not known
- Products of combustion include smoke and oxides of carbon and nitrogen
- In case of fire use water, foam or dry agent

6 Accidental release measures

Immediate Actions

- 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.

Clean Up Actions

- Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove

7 Handling and storage

Handling

- No special precautions are required for this product

Storage

- Keep in a cool, dry place

8 Exposure controls and personal protection

Exposure Limits

- The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m³ (8hr TWA) total inhalable dust; 5 mg/m³ (8hr TWA) total respirable dust
- Xerox Exposure Limits: 2.5 mg/m³ (8hr TWA) total inhalable dust; 0.4 mg/m³ (8hr TWA) total respirable dust

Occupational exposure controls

- No special requirements

Precautionary measures

- No special precautions are required for this product

9 Physical and chemical properties

- Odour: Odourless
- Appearance: Black powder
- pH - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not known
- Insoluble in water
- Specific gravity - not known
- Flash point - not applicable
- Auto-ignition point - not known
- Explosive Limits: Test data show that lower explosive limits are 0.035 - 0.1kg/m³; upper limits are not well defined but could be up to 2kg/m³. Minimum ignition energies to ignite toner clouds and layers are of the order of 52.5 and 110.0mJ respectively. Ignition temperatures to ignite toner dust clouds and layers are approximately 496 and 388°C respectively

9 Physical and chemical properties (....)

- Particle size: Median diameter by volume 13.5 microns

10 Stability and reactivity

- Stable

11 Toxicological information

Toxicological information

- LC50 (inhalation, rat) >0.75g/m³, no evidence of acute inhalation toxicity
- LD50 (oral, rat) >16 g/kg, no evidence of acute oral toxicity
- LD50 (skin, rat) >2.3 g/kg, no evidence of acute dermal toxicity
- Mildly irritating to rabbit skin (score 0.2)
- Not a skin sensitiser (guinea pig skin)
- Irritation to eyes (rabbit) : None

Mutagenicity

- Mutagenicity (Ames Test) : Negative

12 Ecological information

Ecotoxicology

- Presents little or no hazard to the environment

Environmental Fate

- This substance is not readily biodegradable
- Insoluble in water

13 Disposal considerations

Classification

- European Waste Code: 08 03 18

Disposal considerations

- 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

14 Transport information

- Not classified as hazardous for transport

15 Regulatory information

Classification and labelling

- Not classified as hazardous for supply
- No transport or user labelling is required

16 Other information