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**SAFETY DATA SHEET**

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**1 Identification of the substance or preparation and the supplier**

Product Name: **WorkCentre Pro 211/215 TONER**  
Datasheet Number: 3-1135 1. 1. 0  
Product Part Number: 13R576, 6R1023, 6R1024  
Chemical Name: None



Name of Supplier: Xerox Ltd.  
Address of Supplier: Xerox Environment, Health & Safety - BC1  
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  
Emergency Telephone: Not applicable

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**2 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Styrene/acrylate copolymer	85-95%	29497-14-1		None	None
Carbon black	3-10%	1333-86-4	215-609-9	None	None
Magnetite	3-7%	1309-38-2	215-169-8	None	None
Metal complexes	1-5%	-	400-110-2	R11	F

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**3 Hazards identification**

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

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**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

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## 5 Fire-fighting measures

- Flash point - not applicable
- Explosive Limits: Test data show that lower explosive limits are approximately 0.1kg/m<sup>3</sup>; upper limits are not well defined but could be up to 2kg/m<sup>3</sup>. 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 oxides of carbon and toxic organic fumes
- In case of fire use water, foam, carbon dioxide or dry agent

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## 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

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## 7 Handling and storage

### Handling

- No special precautions are required for this product

### Storage

- Keep in a cool, dry place

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## 8 Exposure controls and personal protection

### Exposure Limits

- The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m<sup>3</sup> (8hr TWA) total inhalable dust; 5 mg/m<sup>3</sup> (8hr TWA) total respirable dust
- Xerox Exposure Limits: 2.5 mg/m<sup>3</sup> (8hr TWA) total inhalable dust; 0.4 mg/m<sup>3</sup> (8hr TWA) total respirable dust

### Occupational exposure controls

- No special requirements

### Precautionary measures

- No special precautions are required for this product

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## 9 Physical and chemical properties

- Appearance: Black powder
- Odour: Slight odour
- pH - not applicable
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not known
- Insoluble in water
- Specific gravity (water=1) ~1
- Flash point - not applicable
- Auto-ignition point - not known
- Explosive Limits: Test data show that lower explosive limits are approximately 0.1kg/m<sup>3</sup>; upper limits are not well defined but could be up to 2kg/m<sup>3</sup>. Minimum ignition energies to ignite toner clouds and layers are of the order of 52.5 and

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## 9 Physical and chemical properties (....)

- 110.0mJ respectively. Ignition temperatures to ignite toner dust clouds and layers are approximately 496 and 388°C respectively
- Softening point 43-60°C

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## 10 Stability and reactivity

- Stable
- Conditions to avoid: None known
- Incompatibility (Materials to avoid): None known

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## 11 Toxicological information

### Toxicological information

- Tests on toners containing similar materials indicate no evidence of acute inhalation toxicity
- Tests on toners containing similar materials indicate no evidence of acute oral toxicity
- Tests on toners containing similar materials indicate no evidence of acute dermal toxicity; non-irritating and non-sensitising in human patch test
- Tests on toners containing similar materials indicate non-irritating to rabbit eye mucosa

### Carcinogenicity

- Carcinogens: None present

### Mutagenicity

- No evidence of mutagenicity in Ames test

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## 12 Ecological information

### Ecotoxicology

- Presents little or no hazard to the environment

### Environmental Fate

- This substance is not readily biodegradable
- Insoluble in water

### Environmental Hazard Values

- LC50 (Fathead minnow) >1000 mg/l; no evidence of toxicity in tests on similar toners
- LC50 (Rainbow trout) >1000 mg/l; no evidence of toxicity in tests on similar toners

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## 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

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## 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
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## **16 Other information**

(R11: Highly Flammable.)