
SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name: **2510/2511/2515/2520/3001/3030/3040/3050/3060/8825/8830/8836 TONER**
 Datasheet Number: 6-1001 1. 8. 0
 Product Part Number: 6R395, 6R239, 6R880, 6R90129, 6R90166, 6R90202,
 6R90267, 6R90268, 6R90269, 6R90284
 Chemical Name: None



Name of Supplier: Xerox
 Address of Supplier: Xerox Environment, Health & Safety - BC1
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 Welwyn Garden City
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 UK
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 Responsible Person: Malcolm Hemming, Manager, Environment, Health and Safety
 Emergency Telephone: Not applicable

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Styrene/n-butylmethacrylate polymer with polypropylene wax	60-65%	25213-39-2		None	None
Acrylic resin	20-25%	26299-47-8		None	None
Carbon black	10-15%	1333-86-4	215-609-9	None	None
Additives	<2%			None	None

3 Hazards identification

- 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/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
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5 Fire-fighting measures (....)

- 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

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

- Appearance: Black powder
- Odour: Odourless
- pH - 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/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
- Softening point 85-100°C
- Particle size: 11.5 +/- 1.0 microns (mean diameter by volume)

10 Stability and reactivity

- Stable

11 Toxicological information

Toxicological information

- LC50 (inhalation, rat) >6.6 g/m³ for toner without additives, no evidence of acute inhalation toxicity. Tests with other toners containing the additives indicate no adverse effects
- LD50 (oral, rat) >5 g/kg for toner without additives, no evidence of acute oral toxicity. Tests with other toners containing the additives indicate no adverse effects
- LD50 (skin, rabbit) 2 g/kg for toner without additives, no evidence of acute dermal toxicity. Tests with other toners containing the additives indicate no adverse effects
- Tests on toners without additives show no evidence of skin irritation in rabbits, dermal sensitisation in guinea pigs, skin irritation or sensitisation in human patch test. Tests with other toners containing the additives suggest no adverse effects
- For toner without additives, no evidence of primary eye irritation in rabbits, score 0/110. Tests on other toners containing the additives at similar levels suggest minimally irritating to eyes, score 5.7/110

Mutagenicity

- No evidence of mutagenicity (Ames, WP2, A+ \A- and mouse micronucleus all negative)

12 Ecological information

Ecotoxicity

- On available data, substance is not harmful to aquatic life

Mobility

- Insoluble in water

Persistence and Biodegradability

- Not readily biodegradable

Bioaccumulation Potential

- Bioaccumulation is insignificant

Other Adverse Effects

- Presents little or no hazard to the environment

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
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16 Other information