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## SAFETY DATA SHEET

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### 1 Identification of the substance or preparation and of the company/undertaking

Product Name: **DocuColor 5000, 5000AP,7000, 7000AP, 7002, 8000, 8000AP, 8002 Digital Press Fuser Oil**  
 Datasheet Number: 4-0103 1. 2. 0  
 Product Part Number: 8R12965, 8R13031  
 Chemical Name: Polydimethylsiloxane



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  
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 Responsible Person: Manager, Environment, Health and Safety  
 Email: ehs-europe@xerox.com  
 Emergency Telephone: Not applicable

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### 2 Hazards identification

- There are no significant hazards associated with this product

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### 3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Modified organo-functional polydimethylsiloxane	100%	Confidential		None	None

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### 4 First aid measures

Contact with skin

- Wash with soap and cold water

Contact with eyes

- Flush with water

Ingestion

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

Inhalation

- Remove patient to fresh air

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### 5 Fire-fighting measures

- Not flammable
- In case of fire use foam, carbon dioxide or dry agent

## 6 Accidental release measures

### Immediate Actions

- Clean up spills immediately, as residues are slippery

### Clean Up Actions

- Soak up spills rapidly on to a cloth or paper towels
  - Clean carpets with solvent and/or shampoo
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## 7 Handling and storage

### Handling

- Avoid transfer to eyes
- Wash hands after handling

### Storage

- No special precautions are required for this product
  - Does not decompose with age but tends to increase in viscosity during ambient storage. This does not affect the performance as a fuser agent
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## 8 Exposure controls and personal protection

### Exposure Limits

- None assigned

### 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

- Appearance: Light oil, pale yellow
  - Odour: Slight odour
  - Boiling point - not known
  - Vapour pressure - not applicable
  - Vapour density - not applicable
  - Melting point - not applicable
  - Insoluble in water
  - Specific gravity ~ 0.97 g/cm<sup>3</sup>
  - Not flammable
  - Evaporation rate (Butyl acetate = 1) negligible
  - Volatility <1 %
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## 10 Stability and reactivity

- Stable, No hazardous reactions known if used for its intended purpose
  - Incompatible with strong oxidizing substances
  - Decomposition products may include silicon dioxide, carbon dioxide, traces of incompletely burned carbon products and formaldehyde
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## 11 Toxicological information

### Toxicological information

- Tests on other silicone fuser agents indicate:
- LC50 (inhalation, rat) <1.1g/m<sup>3</sup>, no evidence of acute inhalation toxicity
- LD50 (oral, rat) >4.2 g/kg, no evidence of acute oral toxicity
- LD50 (skin, rabbit) >3 g/kg, no evidence of acute dermal toxicity
- No evidence of skin irritation or sensitisation in human patch test
- Eye contact may cause temporary discomfort
- Please also see Section 16

### Carcinogenicity

- Not classified as a carcinogen

### Teratogenicity

- No evidence of reproductive effects

### Mutagenicity

- No evidence of mutagenicity in Ames test
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## 12 Ecological information

### Ecotoxicity

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

### Mobility

- Insoluble in water

### Persistence and Biodegradability

- No information available

### Bioaccumulation Potential

- No information available

### Other Adverse Effects

- Presents little or no hazard to the environment
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## 13 Disposal considerations

### Classification

- European Waste Code: 06 08 99

### Disposal considerations

- No special precautions are required for this product
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## 14 Transport information

- Not classified as hazardous for transport
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## 15 Regulatory information

### Classification and labelling

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

### Risk Phrases

- Not applicable

### Safety Phrases

- Not applicable
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## 16 Other information

Comprehensive tests on laboratory animals have demonstrated that silicones, as a class, are very low in toxicity and present no significant handling problem. In acute oral feeding tests, it has not been possible to feed test animals enough of the silicone fluids tested to establish an LD50 (dosage required to kill 50 % of the test animals). It has been established that about 3 litres could be fed to a 70kg man during a brief period without inducing toxic effects.