

Safety Data Sheet

according to the Globally Harmonised System

SDS #: D-4005

Fuser Fluid/Fuser Fluid II/Fuser Oil

Issuing Date 2005-12-12

Revision Date 2023-05-19

Version 3
Active

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name **Fuser Fluid, Fuser Fluid II, Fuser Oil** for iGen3 Digital Production Press, Xerox iGen4™ Press, iGen4 220 Perfecting Press, Xerox Color 8250
Part no. 008R12892, 008R12901, 008R12936, 008R13030, 008R13095, 008R13096, 008R13099, 008R13100, FX: 008R12968, 008R13035

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricant

1.3 Details of the supplier of the safety data sheet

Supplier Xerox Ltd.
 Building 4
 Uxbridge Business Park
 Sanderson Road
 Uxbridge
 Middlesex. UB8 1DH
 UK

For further information, please contact

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E-mail address ehs-europe@xerox.com

For the most current document <https://safetysheets.business.xerox.com>

1.4 Emergency telephone

Not applicable

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

2.2 Label elements

GHS Label elements, including precautionary statements

Symbol(s) None required
Signal Word None

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Hazard Statements None required
Precautionary Statements None required

2.3 Other hazards

No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements
Poly(dimethylsiloxane)	>90	63148-62-9	613-156-5	--	--
Organo-functional polydimethylsiloxane	<10	99363-37-8	619-426-9	--	--

Note

"--" indicates no classification or hazard statements apply.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids

Skin contact Wash skin with soap and water

Inhalation Not an expected route of exposure

Ingestion Not an expected route of exposure

4.2 Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes Not an irritant

Skin Not expected to be an irritant

Inhalation Not an expected route of exposure

Ingestion Not an expected route of exposure

Chronic effects

Chronic toxicity No known effects under normal use conditions

Main symptoms May cause minimal respiratory irritation with continuous exposure to high concentrations.

4.3 Indication of immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Water spray, Foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media None

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5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapours

Hazardous combustion products

No information available

5.3 Advice for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Other information

Flammability	Not flammable
Flash point	> 300 °C / > 572 °F
Method	Cleveland Open Cup

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

None required for material as supplied

6.2 Environmental precautions

Prevent product from entering drains

6.3 Methods and material for containment and cleaning up

Methods for containment	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)
Methods for cleaning up	Soak up with inert absorbent material

6.4 Reference to other sections

See section 12 for additional ecological information
See Section 13 for additional information

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

When using, do not eat, drink or smoke, For personal protection see section 8

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place

7.3 Specific end uses

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Lubricant

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	No special protective equipment required
Hand protection	Protective gloves, Polyvinylchloride.
Skin and body protection	No special protective equipment required
Respiratory protection	None under normal use conditions.
Thermal hazards	None under normal processing

Environmental Exposure Controls

Environmental Exposure Controls Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Oily Liquid	Odour	Odourless
Physical state	Liquid	Colour	Clear
pH	No information available		
Flash point	> 300 °C / > 572 °F	Method	Cleveland Open Cup
Melting / Freezing Point	- 50		
Boiling point/boiling range	101 °C		
Softening point	Not applicable		
Evaporation rate	<1 (ether = 1)		
Volatility	N.A. % (Wt.) N.A. % (Vol.)		
Flammability	Not flammable		
Flammability Limits in Air	Not applicable		
Explosive Limits	No data available		
Vapour pressure	25 mmHg @ <52 °C		
Vapour density	>1		
Specific gravity	0.853		
Density	0.963 g/mL at 25 °C		
Water solubility	Practically insoluble		
Partition coefficient	No information available		
Autoignition temperature	Not applicable		
Decomposition temperature	Not determined		
Viscosity	No information available		

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Oxidising properties Not applicable

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerisation Hazardous polymerisation does not occur

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition

10.5 Incompatible Materials

Strong oxidising agents

10.6 Hazardous decomposition products

Carbon dioxide (CO₂), Silicon dioxide, Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide, and, Formaldehyde

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product Information

Irritation Not expected to be an irritant

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Poly(dimethylsiloxane)	24 g/kg (Rat) 17 g/kg (Rat)	2 g/kg (Rabbit)	

Chronic toxicity

Carcinogenicity Not classifiable as a human carcinogen

Other toxic effects

Sensitisation Not a sensitizer
Mutagenic effects Not mutagenic in AMES Test

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Target organ effects No information available

Aspiration Hazard No information available

11.2 Information on other hazards

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

12. ECOLOGICAL INFORMATION

12.1 Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

12.2 Persistence and degradability

Not readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

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 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

12.7 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste Disposal Method No special precautions are needed in handling this material

EWC Waste Disposal No. 06 08 99

14. TRANSPORT INFORMATION

14.1 UN/ID No

Not regulated

14.2 Proper shipping name

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Not regulated

14.3 Transport hazard class(es)

Not classified

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Presents little or no hazard to the environment

14.6 Special precautions for users

No special precautions are needed in handling this material

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

15.2 Chemical Safety Assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

16. OTHER INFORMATION

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Additional advice
EU Country Specific Exposure Limits

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Poly(dimethylsiloxane)					P* STEL 300 mg/m ³ TWA 200 mg/m ³

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at

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the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.