

Manufacturer: Xerox Corporation
Rochester, N.Y. 14644

Health Emergency Tel. No.: (716) 422-2177
Transportation Emergency: (716) 422-1230
Safety Information Tel. No.: (800) 828-6571

Section I - Product Identification

Trade Names/Synonyms: Xerox Fuser Agent

Part No.: 8R882, 8R1288, 8R2944,
8R2945, 8R2955, 8R3808
8R3840, 8R3903;
RX:8R90163

Chemical Name: Mercaptofunctional polydimethylsiloxane

Ingredients

CAS No.

Polydimethylsiloxane (85-95%)
Organo-functional polydimethylsiloxane (5-15%)

63148-62-9
108775-26-4 (TSCA) /
67923-16-4

Section II - Emergency and First Aid

Eyes:	Flush eyes thoroughly with water.
Skin:	Wash with soap and water.
Inhalation:	Remove from exposure.
Ingestion:	Dilute stomach contents with several glasses of water.
Primary Route of Entry:	Inhalation
Symptoms of Overexposure:	May cause minimal irritation of respiratory passages on continuous exposure to high concentrations.
Medical Conditions Generally Aggravated by Exposure:	None when used as described by product literature.
Additional Information:	See Sections V through VII.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

Oral LD ₅₀ :	> 35 g/kg (rats) practically non-toxic.	TLV:	None established
Dermal LD ₅₀ :	> 3 g/kg (rabbits) practically non-toxic.	PEL:	None established
Inhalation LC ₅₀ :	N.D.	STEL:	None established
Eye Irritation:	Not an irritant.	Ceiling:	None established
Skin Sensitization:	Not a sensitizer.	XEL ² :	None established
Skin Irritation:	Not an irritant.		
Human Patch:	Non-irritating, non-sensitizing		
Mutagenicity:	No mutagenicity detected in Ames and UDS Assays.		
Carcinogens:	None present		
Aquatic LC ₅₀ :	> 500 mg/l (fathead minnows) non-toxic. ¹		
Additional Information:	None		

¹Based on testing similar materials. ²XEL - Xerox Exposure Limit

Section IV - Physical Data

Appearance/Odor:	Clear liquid / slight odor	Softening Range:	N.A.
Boiling Point:	nonvolatile	Melting Point:	N.A.
Solubility in Water:	Negligible	Specific Gravity (H ₂ O = 1):	0.96
Evaporation Rate:	< 1 (ether = 1)	Vapor Pressure (mm Hg):	< 0.1 @ 68°F
Vapor Density (Air = 1):	N.A.	pH =	N.A.
Volatile	Negligible (Wgt.) < 1% (Vol.)	VOC =	980g/l

Section V - Fire and Explosion Data

Flash Point (Method Used):	> 260°C (> 500°F) P.M.C.C.	Flammable Limits	LEL: N.D. UEL: N.D.
Extinguishing Media:	Foam, carbon dioxide, water spray.		
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing.		
Fire and Explosion Hazards:	None		

Section VI - Reactivity Data

Stability:	<table><tbody><tr><td>Unstable</td><td></td></tr><tr><td>Stable</td><td>X</td></tr></tbody></table>	Unstable		Stable	X	Hazardous Polymerization:	<table><tbody><tr><td>May Occur</td><td></td></tr><tr><td>Will Not Occur</td><td>X</td></tr></tbody></table>	May Occur		Will Not Occur	X
Unstable											
Stable	X										
May Occur											
Will Not Occur	X										
Hazardous Decomposition Products:	Silicone dioxide, carbon dioxide, carbon monoxide, formaldehyde and traces of incompletely burned carbon products.										
Incompatibility (Materials to Avoid):	Strong oxidizing materials.										

Section VII - Special Protection Information

Respiratory Protection:	None required when used as intended in Xerox products.
Eye Protection:	None required when used as intended in Xerox products.
Protective Gloves:	None required when used as intended in Xerox products.
Other:	None required when used as intended in Xerox products.

Section VIII - Special Precautions

Handling and Storage:	Use reasonable care and caution. Store in a cool, dry, well ventilated area. Clean up spills completely as residue is slippery.
Conditions to Avoid:	None

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage:	Clean thoroughly as residue is slippery. Soak up with an absorbent material. Place in appropriate chemical waste container. Flush spill area with water.
Waste Disposal Method:	Absorb liquid on vermiculite or other absorbent material. Dispose of in accordance with federal, state and local regulations. Biodegradation/non-biodegradable, Bioaccumulation/no evidence of accumulation.

Section X - Transportation Information

DOT Proper Shipping Name:	Not Regulated	ID Number:	N. A.
Hazard Classification:	N. A.		