

Chronic effects
Main symptoms No known effects under normal use conditions
Aggravated Medical Conditions None under normal use conditions
Environmental hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Trade Secret	Proprietary	40-50
Trade Secret	Proprietary	40-50
Wax	Proprietary	5-10
Black dye	Proprietary	<5

4. FIRST AID MEASURES

General advice When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact Not an expected route of exposure, No dangerous reaction known under conditions of normal use, Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin contact Wash off with warm water and soap

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing, Get medical attention immediately if symptoms occur

Ingestion Not applicable

Notes to physician Treat symptomatically

Protection of first-aiders No special protective equipment required

5. FIRE-FIGHTING MEASURES

Flammable properties Combustible material: may burn but does not ignite readily

Flash point Not applicable
Method Pensky-Martens closed tester

Suitable extinguishing media Dry powder, Carbon dioxide (CO₂), Halons

Unsuitable extinguishing media No information available

Specific hazards arising from the chemical

Hazardous combustion products May emit toxic fumes under fire conditions

Explosion Data

Sensitivity to Mechanical Impact Not impact sensitive
Sensitivity to Static Discharge Not sensitive

Protective Equipment and Precautions for Firefighters
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions None under normal use conditions

Methods for containment Not applicable

Methods for cleaning up Pick up and transfer to properly labeled containers

Other information The environmental impact of this product has not been fully investigated, However, this preparation is not expected to present significant adverse environmental effects

7. HANDLING AND STORAGE

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice, Expiration date is one year from date of manufacture if stored in recommended conditions

Technical measures and storage conditions Keep in a dry, cool and well-ventilated place, Keep at temperatures below 48.9 °C / 120 °F

Hygiene measures None under normal use conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Black dye		Ceiling: 0.1 mg/m ³

Other information No hazardous exposure expected under normal use conditions.

Occupational exposure controls

Engineering measures None under normal use conditions.

Personal Protective Equipment

Consumer use These recommendations apply to the product as supplied

Respiratory protection No special protective equipment required

Eye/Face protection No special protective equipment required

Skin and body protection No special protective equipment required

Hand protection No special protective equipment required

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Wax like	Odor	Slight, Acrid, Vinegar-like
Odor threshold	No information available	Physical state	Solid
pH	Not applicable	Color	Black

Flash point	Not applicable	Boiling point/range	Not applicable
Softening point	Not applicable	Autoignition temperature	Not applicable
Flammability Limits in Air	Not applicable		
Vapor pressure	Not applicable		
Vapor density	Not applicable		
Water solubility	Soluble in water		
Viscosity	Not applicable		
Partition coefficient	Not applicable		
Evaporation rate	Not applicable		
Melting point/range	64-68 °C		
Freezing point	Not applicable		
Decomposition temperature	Not determined		
Specific gravity	~ 0.8 @ 25 °C		

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use
Stability	Stable under normal conditions
Incompatible products	Oxidizers
Conditions to Avoid	Temperatures above 50°C
Hazardous Decomposition Products	Formic acid, Methyl formate
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

The toxicity information below is for the solid ink products and is based on studies conducted on each individual Xerox proprietary ingredient. Individual ingredient percent compositions in the ink products were considered in the final assessment.

Acute Toxicity

Product Information

Irritation	Not expected to be an irritant
Oral LD50	> 5 g/kg (rat)
Dermal LD50	> 2 g/kg (rat)
Eyes	Fumes of molten material may cause irritation
Skin	Not expected to be an irritant
Inhalation	Fumes of molten material may cause irritation
Ingestion	Not an expected route of exposure

Chronic toxicity

Product Information

Main symptoms	No known effects under normal use conditions
Aggravated Medical Conditions	None under normal use conditions
Carcinogenicity	Components not listed by IARC, NTP or OSHA.

Other toxic effects

Product Information

Sensitization Not expected to be a sensitizer
Mutagenic effects Not expected to be mutagenic
Target organ effects No information available

Other adverse effects None known
Aspiration Hazard Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity
 The environmental impact of this product has not been fully investigated

Aquatic toxicity Not expected to be toxic to daphnia, algae, and fish.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261)
 Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging Dispose of in accordance with local regulations.

Chemical Name	California Hazardous Waste Status
Black dye	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

Note This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

International Inventories
TSCA Complies

U.S. Federal Regulations
SARA 313
 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Black dye		1.0

Clean Water Act
 This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Black dye		X		

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
 This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act

