



MATERIAL SAFETY DATA SHEET

Manufacturer: Xerox Corporation, Office Group
P.O. Box 1000, Wilsonville, Oregon, 97070-1000

Preparation Date: October 5, 2004

SECTION 1 – PRODUCT IDENTIFICATION

Trade Names

Genuine XEROX® Solid Ink 8400 Black
Genuine XEROX® Solid Ink 8400 Cyan
Genuine XEROX® Solid Ink 8400 Magenta
Genuine XEROX® Solid Ink 8400 Yellow
Genuine XEROX® Solid Ink 8400 Rainbow Pack

Xerox Part No.

108R00604, 108R00608
108R00605
108R00606
108R00607
108R00612

Product Use: XEROX Phaser® 8400 color printers

SECTION 2 – INFORMATION ON INGREDIENTS

Genuine XEROX® Solid Inks for the Phaser® 8400 are a proprietary blend of polyethylene and fatty amide waxes, resins, and dyes. The specific identity of ingredients is withheld as a trade secret.

These solid inks are considered articles under Hazard Communication regulations. This Material Safety Data Sheet is provided as a customer service.

SECTION 3 – HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE: Skin

POTENTIAL HEALTH EFFECTS

Immediate Effects: None are known, when used as intended in Phaser® 8400 Color Printers. See Section 11 for toxicology test information.

Chronic Effects: None are known

SIGNS AND SYMPTOMS OF EXPOSURE: None are known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None are known.

SECTION 4 – FIRST AID MEASURES

EYES: Contact unlikely. If particles get into eyes, flush thoroughly with water.

INGESTION: Not applicable

INHALATION: Not applicable

SKIN: Wash skin thoroughly with soap and water

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: > 221° C (>429° F), Pensky-Martens closed tester

FIRE & EXPLOSION HAZARDS: These inks will burn. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

EXTINGUISHING MEDIA: All extinguishing agents classified as B and C are effective, including dry powder(s), carbon dioxide, and halon.

FIRE FIGHTING INSTRUCTIONS: Avoid inhalation of smoke. As in any fire, wear self-contained breathing apparatus, pressure demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK: Not applicable

SECTION 7 – HANDLING AND STORAGE

HANDLING: No special precautions, when used as intended.

STORAGE: Avoid high temperatures. Keep ink below 60° C (140° F)

SECTION 8 – EXPOSURE CONTROL - PERSONAL PROTECTION

EXPOSURE GUIDELINES: None established.

ENGINEERING CONTROLS/PERSONAL PROTECTION: No special personal protection indicated, when used as intended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Waxy solid. Black, blue, red, or yellow in color/Faint odor

SOLUBILITY IN WATER: Insoluble

MELTING POINT: Approximately 100° C (212° F)

SPECIFIC GRAVITY (Water = 1): Approximately 1, @ 25°C (77° F)

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures above 200° C (392° F)

INCOMPATIBILITY WITH OTHER MATERIALS: None

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Material may decompose into toxic byproducts when heated to temperatures above 200° C (392° F).

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICITY: Oral LD₅₀ >5 g/kg (rats); practically non-toxic

SKIN IRRITATION: Not a skin irritant.

MUTAGENICITY: Negative in a standard bacterial reverse mutation assay (Ames test).

CARCINOGENICITY: Components not listed by IARC, NTP, or OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

No known impact

SECTION 13 – DISPOSAL CONSIDERATIONS

This product is not a hazardous waste as specified in 40CFR261. TCLP below hazardous waste levels set by EPA. State and local waste disposal requirements, however, may be more restrictive. Manage and dispose of waste in accordance with all federal, state, and local regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated.

SECTION 15 – REGULATORY INFORMATION

TSCA: This material has been manufactured in compliance with the EPA Toxic Substances Control Act (TSCA).

RCRA (Resource Conservation and Recovery Act): Not a hazardous waste as specified in 40CFR261. TCLP below hazardous waste levels set by EPA.

SECTION 16 – OTHER INFORMATION

Original preparation date: 7/10/03

Revision date: 9/30/04 – Add Rainbow Pack part number.

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