

Specifications

Material Safety Data Sheet for ColorStix[®] II Ink

SECTION 1 - PRODUCT IDENTIFICATION

Trade Names	Xerox Part No.
ColorStix [®] II Ink, Black	016-1902-00, 016-1902-50
ColorStix [®] II Ink, Cyan	016-1903-00, 016-1906-00
ColorStix [®] II Ink, Magenta	016-1904-00, 016-1907-00
ColorStix [®] II Ink, Yellow	016-1905-00, 016-1908-00
Four color "rainbow" pack	016-1909-00
Supplies Start-up Kit	860 SS 00, 860 SS 01

Product Use: XEROX Phaser[®] 860 color printers

SECTION 2 - INFORMATION ON INGREDIENTS

Xerox Phaser[®] 860 ColorStix[®] II are a proprietary blend of polyethylene and fatty amide waxes, resins, and dyes. The specific identity of ingredients is withheld as a trade secret.

ColorStix[®] II 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[®] 860 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 degrees C (>429 degrees 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 degrees C (140 degrees 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 degrees C (212 degrees F)

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

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable.

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

SECTION 11 - TOXICOLOGICAL INFORMATION

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

SKIN IRRITATION: Primary Dermal Irritation Index = 0.0; not skin irritants.

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: 10/5/00

Xerox Corporation
Office Printing Business
Environmental, Health & Safety
P.O. Box 1000
Mail Stop 60-512
Wilsonville, Oregon 97070
Safety Information: 800-828-6571
Health Information: 716-422-2177

Material Safety Data Sheet for Silicone Intermediate Transfer Layer Fluid

SECTION 1- PRODUCT IDENTIFICATION

Trade Name: Xerox Silicone Intermediate Transfer Layer Fluid, impregnated into printer's maintenance roller.

Xerox part number 016-1933-00 (replacement standard maintenance kit)

Xerox part number 016-1932-00 (replacement extended maintenance kit)

Product Use: Xerox Phaser[®] 860 color printers

SECTION 2 - INFORMATION ON INGREDIENTS

Xerox Silicone Intermediate Transfer Layer Fluid is a proprietary blend of silicone oils. Specific identities of components, and their percentage composition, are withheld as a trade secret.

SECTION 3 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE: Skin, eyes

POTENTIAL HEALTH EFFECTS: Health effects from this product are expected to be negligible, when product is used as intended in Xerox Phaser[®] 860 Color Printers.

Immediate Effects:

Inhalation: Not an expected route of entry

Skin: May cause mild irritation.

Eyes: May cause mild irritation.

Ingestion: Not an expected route of exposure.

Chronic Effects: None known or expected.

SIGNS AND SYMPTOMS OF EXPOSURE

Mild skin or eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known

SECTION 4 - FIRST AID MEASURES

INHALATION: Not a route of exposure for this product.

EYES: Flush thoroughly with water. Seek medical attention if symptoms occur.

SKIN: Wash thoroughly with soap and water. Seek medical attention if symptoms of irritation occur.

INGESTION: Not a route of exposure for this product.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: Flash point of fluid is 226 degrees C, Pensky-Martens closed-cup tester.

EXTINGUISHING MEDIA: All extinguishing agents classified as B and C are effective, including dry powder(s), CO₂, and halon.

FIRE FIGHTING INSTRUCTIONS: As for any fire, wear self-contained breathing apparatus, pressure demand, MSHA/NIOSH approved, and protective gear.

FIRE AND EXPLOSION HAZARDS. During a fire, irritating and toxic substances may be generated by thermal decomposition or combustion. No unusual fire hazards expected.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK: Fluid is impregnated into maintenance roller. Small amounts (ie., drops) may result from normal handling. Absorb and place in an appropriate disposal container. Clean spills thoroughly because residue can be slippery.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash hands with soap and water after contact. Clean spills per SECTION 6.

STORAGE: No special requirements.

SECTION 8 - EXPOSURE CONTROL - PERSONAL PROTECTION

No special protection indicated when used as intended.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid impregnated into maintenance roller.

ODOR: Mild

SOLUBILITY IN WATER: No data

SPECIFIC GRAVITY: Specific gravity of fluid is 0.97 (water=1)

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: At elevated temperatures, formaldehyde may be generated.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

No toxicology data on mixture

SECTION 12 - ECOLOGICAL INFORMATION

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Fluid is not listed as RCRA hazardous waste. Dispose of in accordance with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT: Not regulated.

SECTION 15 - REGULATORY INFORMATION

The following information pertains to the ingredients of Xerox Silicone Intermediate Transfer Layer Fluid:

TSCA (Toxic Substances Control Act): Listed in the TSCA inventory as verified by our suppliers.

RCRA (Resource Conservation and Recovery Act): Not listed as RCRA hazardous wastes.

The ingredients of this fluid are not listed as carcinogenic by OSHA, IARC or NTP.

SECTION 16 - OTHER INFORMATION

Original preparation date:10/3/00

Xerox Corporation
Office Printing Business
Environmental, Health & Safety
P.O. Box 1000
Mail Stop 60-512
Wilsonville, Oregon 97070
Safety Information: 800-828-6571
Health Information: 716-422-2177

Material Safety Data Sheet for CleanTex® Alcopad

SECTION 1 – PRODUCT IDENTIFICATION

Trade name: Xerox Part Number:
Alcopad 016-1845-00

Product identification numbers: 806B, 806C, 806H, 806T, 806Z, 806
Chemical name and synonyms: Isopropyl Alcohol
Chemical formula: $\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$
Emergency telephone numbers: CHEMTREC (Transportation): 1-800-424-9300
Product Use: Xerox Phaser® 860 Color Printer

SECTION 2 – INFORMATION ON INGREDIENTS

Component	CAS#	%	OSHA PEL (ppm)	ACGIL TLV (ppm)
Isopropyl alcohol	67-63-0	91.0	400	400
Deionized water	7732-18-5	9.0	NA	NA

SECTION 3 – HAZARDS IDENTIFICATION

Product is distributed as a single-use, presaturated pad, in which all the liquid is absorbed by the applicator. Isopropyl alcohol is a flammable liquid. Eye contact will cause local irritation and burning sensations with possible injury if not removed promptly. Repeated or prolonged contact with skin may produce irritation and cause dermatitis. Exposure above TLV may cause irritation of respiratory tract and eyes along with headaches, dizziness and CNS effects. May be harmful if swallowed.

Carcinogenicity (OSHA/NTP/IARC/ACGIH): Not Listed.
Medical Conditions Aggravated by Exposure: Not Listed.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes, including under eyelids.
Get Medical help.

SKIN CONTACT: Flush with water.

INHALATION: Remove to fresh air. Keep at rest. Restore and/or support breathing as needed. Get prompt Medical attention.

INGESTION: In the unlikely event of ingestion of a wiper, first aid measures should focus on removal of the object and preventing choking. Once removed, keep affected person at rest. Call physician immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (TCC): 56 degrees F

FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA

AUTOIGNITION TEMPERATURE degrees F (degrees C): NA

EXTINGUISHING MEDIA: Isopropyl-alcohol fires may be extinguished using carbon dioxide, dry chemical or alcohol foam. Water may be used to cool containers exposed to the fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Isopropyl alcohol may release vapors which may ignite at or above flash point.

NFPA RATING: HEALTH (1)

FLAMMABILITY (3)

REACTIVITY (0)

Formulation is classified as an OSHA Class IB Flammable Liquid

NA = Not Available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Since the isopropyl-alcohol solution is completely absorbed by the applicator and the amount of isopropyl alcohol per applicator is small, the chance of a significant spill occurring is small. In the event however, that a significant amount of liquid is released, ventilate the area, especially low areas where vapors may collect, and remove all sources of ignition. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7 – HANDLING AND STORAGE

Store in a clean, cool, ventilated area away from sources of ignition and oxidizing agents. Handle and store in a manner suitable for an OSHA class IB Flammable Liquid. Electrical services must meet applicable codes. Use non-sparking tools.

SECTION 8 – EXPOSURE CONTROL – PERSONAL PROTECTION

Provide ventilation to maintain TLV. Use non-sparking tools. Avoid inhalation of vapors, contact with eyes and repeated or prolonged contact with skin. Do not take internally.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (80 degrees C) (180 degrees F)

% VOLATILE BY VOLUME @ 25 degrees C: 100

VAPOR PRESSURE (mmHg @ 25 degrees C): 33

EVAPORATION RATE (BUTYL ACETATE-1) >1

VAPOR DENSITY (AIR = 1): <1

FORM: liquid

% SOLUBLE IN WATER @ 25 degrees C: 100

ODOR: alcohol

SPECIFIC GRAVITY (G/CC @ 25 degrees C): 0.79

APPEARANCE OF LIQUID: clear

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES / CONDITIONS TO AVOID: Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 – ECOLOGICAL INFORMATION

Not Available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Follow Federal, State and Local Regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Regulated.

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IATA / ICAO CLASSIFICATION: Not Regulated.

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IMDG CLASSIFICATION: Not Regulated.

Proper Shipping Name:

Hazard Class

IMDG Page #

Packing Group:

Flash Point (degrees C):

Marine Pollutant:

SECTION 15 – REGULATORY INFORMATION

SARA TITLE III REPORTING:

Toxic Chemical (Section 313): Not Listed.

Extremely Hazardous Substance: Not Listed.

Section 302, 304, 311, 312)

Hazard Class:

Chronic Health: Yes

Acute Health: Yes

Fire Hazard: Yes
Pressure Hazard: No
Reactivity Hazard: No

TSCA INVENTORY STATUS: All components listed are on the TSCA inventory.

SECTION 16 – OTHER INFORMATION

The information provided herein is compiled from internal reports and data from professional publications. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures. Employees should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials. All information used must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

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