

Safety Data Sheet

SDS #: S-00009

Black - Water Dispersible Solid Ink

Issuing Date 2015-04-07

Revision Date 2022-10-19

Version 2

Active

This SDS is applicable for US and Canada only

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

Product Identifier

Product Name

Water Dispersible Solid Ink for DK501 Series Ink

Part no. 108R01272, 071K01010, 071K01030, 071E01950

Color Black
Pure substance/mixture Mixture

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

Recommended Use Xerographic printing

Details of the supplier of the safety data sheet

Manufactured by Xerox Corporation, Office Group
P.O. Box 1000
Wilsonville, OR 97070-1000

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
E-mail address askxerox@xerox.com
Emergency telephone Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

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

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Chronic Aquatic Toxicity	Category 2
--------------------------	------------

Label elements

GHS Label elements, including precautionary statements

Symbol(s)



Signal Word

None required

Hazard Statements H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements P273 - Avoid release to the environment
P391- Collect spillage.
P501 -Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards
No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Alcohols, C>14, ethoxylated	251553-55-6	40-50	Aquatic Chronic 2	H411
Saturated fatty alcohol	Proprietary	40-50	--	--
Wax	Proprietary	5-10	--	--
Black dye	Proprietary	<6	--	--

*Alcohols ethoxylated / CAS #251553-55-6, In Canada, the CAS Number for this chemical is 139626-71-4
"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

4. FIRST AID MEASURES

Description of first-aid measures

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

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

Most important symptoms and effects, both acute and delayed

Acute toxicity

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 No known effects under normal use conditions

Main symptoms No known effects under normal use conditions

Aggravated Medical Conditions None under normal use conditions

Indication of immediate medical attention and special treatment needed

Protection of first-aiders No special protective equipment required

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Dry powder, Carbon dioxide (CO₂), Halons
Unsuitable extinguishing media No information available

Special hazards arising from the substance or mixture

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flash point Not applicable
Method Pensky-Martens closed tester

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

None under normal use conditions

Environmental precautions

Avoid runoff to waterways and sewers

Methods and material for containment and cleaning up

Methods for containment Not applicable
Methods for cleaning up Use an electrically protected vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner, making it difficult to remove

Reference to other sections

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

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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

Incompatible products Oxidizers

Specific end uses

Xerographic printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

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

Exposure controls

Engineering measures None under normal use conditions

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

Eye/Face protection	No special protective equipment required
Hand protection	No special protective equipment required
Skin and body protection	No special protective equipment required
Respiratory protection	No special protective equipment required.
Thermal hazards	No information available

Environmental Exposure Controls

Environmental Exposure Controls	Keep out of drains, sewers, ditches and waterways
--	---

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Wax like	Odor	Slight, Acrid, Vinegar-like
Physical state	Solid	Odor threshold	No information available
Color	Black	pH	Not applicable
Flash point	Not applicable	Method	Pensky-Martens closed tester
Melting / Freezing Point	Not applicable		
Boiling point/range	Not applicable		
Softening point	Not applicable		
Evaporation rate	Not applicable		
Flammability Limits in Air	Not applicable		
Vapor pressure	Not applicable		
Vapor density	Not applicable		
Specific gravity	~ 0.8 @ 25 °C		
Water solubility	Soluble in water		
Partition coefficient	Not applicable		
Autoignition temperature	Not applicable		
Decomposition temperature	Not determined		
Viscosity	Not applicable		
Explosive properties	Not explosive		
Oxidizing properties	Not applicable		

Other information

None

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

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

Conditions to avoid

Temperatures above 50°C.

Incompatible Materials

Oxidizers

Hazardous decomposition products

Formic acid, Methyl formate

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.

Information on toxicological effects

Acute toxicity

Product Information

Irritation Not expected to be an irritant
Oral LD50 > 5 g/kg (rat)
Dermal LD50 > 2 g/kg (rat)

Component Information

Chemical Name	LC50 Inhalation	Dermal LD50	Oral LD50
Saturated fatty alcohol			10000 mg/kg (Rat)
Wax			2000 mg/kg (Rat) 8 g/kg (Rat)

Chronic toxicity

Sensitization Not expected to be a sensitizer
Neurological Effects No information available
Target organ effects No information available

CMR Effects

Mutagenic effects Not expected to be mutagenic
Reproductive toxicity No information available
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard Not applicable
Other adverse effects None known

Information on other hazards

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

12. ECOLOGICAL INFORMATION

Toxicity

Chronic Aquatic Toxicity Harmful to aquatic life with long lasting effects

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Dispose of waste in accordance with local, state, and federal regulations. Do not use empty containers for any purpose other than storage of this product as intended by the manufacturer.

Contaminated packaging

This material and its container must be disposed of as hazardous waste

California Waste Status

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Black dye	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

This material is subject to regulation as a hazardous substance as listed below.
Limited Quantity exception may apply

Regulation	UN/ID No	Proper shipping name	Hazard class	Subsidiary hazard class	Packing Group	Exceptions
DOT	UN3077	Environmentally hazardous substances, solid, n.o.s. (ALCOHOLS, C>14, ETHOXYLATED)	9	--	III	49CFR173.155(b)(2)
ICAO/IATA	UN3077	Environmentally hazardous substance, solid, n.o.s. (ALCOHOLS, C>14, ETHOXYLATED)	9	--	III	Consumer Commodity
IMDG/IMO	UN3077	Environmentally hazardous substance, solid, n.o.s. (ALCOHOLS, C>14, ETHOXYLATED)	9	--	III	--

15. REGULATORY INFORMATION

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

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

TSCA Complies
DSL/NDSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or 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 contains the following substances which are regulated 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 contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Black dye		<6	Present			

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Black dye		X	X	X	

16. OTHER INFORMATION

Issuing Date 2015-04-07
Revision Date 2022-10-19
Revision Note (M)SDS sections updated:, 2, 3, 13, 14, 15
Full text of H-Statements referred to under sections 2 and 3
 H411 - Toxic to aquatic life with long lasting effects

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

end