

Safety Data Sheet

SDS # : S-00008

Solid Ink - Black

Issuing Date 2018-06-20

Revision Date 2018-06-20

Version 1

Active

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

Product Identifier

Product Name

Solid Ink for **PhotoMask 1000SP**

Part no. 108R01159

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

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified

Label elements

Symbol(s) None required

Signal Word None

Hazard Statements None required

Precautionary Statements None required

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
Paraffin wax	8002-74-2	50-60	--	--
Resin	Proprietary	10-20	--	--
Black dye	Proprietary	0-10	--	--

"--" indicates no classification or hazard statements apply.

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, Wash off with plenty of water

Skin contact Wash off with warm water and soap

Inhalation Not applicable

Ingestion Not applicable

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes Not expected to be an irritant

Skin Not expected to be an irritant

Inhalation Not applicable

Ingestion Not applicable

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

Thermal decomposition can lead to release of irritating gases and vapors

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flash point > 221 °C / > 429 °F

Method Pensky-Martens closed tester

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

None required

Environmental precautions

No special environmental precautions required

Methods and material for containment and cleaning up

Methods for containment Not applicable
Methods for cleaning up Pick up and transfer to properly labeled containers

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 When using, do not eat, drink or smoke
 For personal protection see section 8

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions Keep tightly closed in a dry and cool place

Incompatible products None known

Specific end uses

Printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Paraffin wax	TWA: 2 mg/m ³	
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
Respiratory protection No special protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Granules	Odor	Faint
Physical state	Solid	Odor threshold	No information available
Color	Black	pH	Not applicable
Flash point	> 221 °C / > 429 °F	Method	Pensky-Martens closed tester
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	~ 1 @ 25 °C
Water solubility	Insoluble
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 200°C

Incompatible Materials

None known

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors

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	No product level data available
Dermal LD50	No product level data available

Component Information

Chemical Name	LC50 Inhalation	Dermal LD50	Oral LD50
Paraffin wax		3600 mg/kg (Rabbit)	5000 mg/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

12. ECOLOGICAL INFORMATION

Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Insoluble in water

Other adverse effects

Presents little or no hazard to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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 No special precautions are needed in handling this material

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 not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

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

OSHA Regulatory Status

This material is not 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

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		0-10	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

Although this product contains substances included in some U.S. State Right-to-Know regulations, the particles are bound in a unique matrix and, therefore, the product does not pose any specific hazard.

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

16. OTHER INFORMATION

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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.

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