

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 as amended

SDS # : S-9502

**Solid Ink - Black, Cyan, Magenta,  
Yellow**

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

**Product Name** **Solid Ink** for Genuine Xerox 8400  
**Part no.** 108R00604, 108R00605, 108R00606, 108R00607, 108R00608, 108R00612, 108R00893,  
108R00894, 108R00895, 108R00896, 108R00897

**Colour** Black, Cyan, Magenta, Yellow

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

**Recommended Use** Printing

**1.3 Details of the supplier of the safety data sheet**

**Supplier** Xerox Ltd.  
Xerox Environment, Health & Safety  
Bessemer Road  
Welwyn Garden City  
Herts. AL7 1HE  
UK

**For further information, please contact**

**Contact person** Manager, Environment, Health, Safety  
& Sustainability  
**Phone** ++44 (0)1707 353434  
**Fax** -  
**E-mail address** ehs-europe@xerox.com

**1.4 Emergency telephone**

Not applicable

**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

**2.2 Label elements**

None

**2.3 Other hazards**

No hazard expected under normal conditions of use

SDS # : S-9502

## Solid Ink - Black Cyan Magenta Yellow

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

This formulation represents multiple colors and the component list includes multiple pigments/dyes. The actual formulation for each color will differ only in the pigment/dye used.

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	REACH Registration Number
Polyethylene	>40	9002-88-4	Not listed	None	
Resin	10-20	Proprietary	-	None	01-2119380021-54-00 00
Blue dye	0-10	Proprietary	-	None	01-2119381509-29-00 00
Red dye	0-10	Proprietary	-	None	01-2119855241-44-00 00
Yellow dye	0-10	Proprietary	-	None	
Black dye	0-10	Proprietary	-	None	

#### Note

Components marked as "Not Listed" are exempt from registration.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Not an expected route of exposure, Wash off with plenty of water
<b>Skin contact</b>	Wash off with warm water and soap
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	Not applicable

#### 4.2 Most important symptoms and effects, both acute and delayed

<b>Acute Toxicity</b>	
<b>Eyes</b>	Not expected to be an irritant
<b>Skin</b>	Not expected to be an irritant
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	Not applicable
<b>Chronic effects</b>	
<b>Main symptoms</b>	No known effects under normal use conditions

#### 4.3 Indication of immediate medical attention and special treatment needed

<b>Notes to physician</b>	Treat symptomatically
---------------------------	-----------------------

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Dry powder, Carbon dioxide (CO <sub>2</sub> ), Halons
-------------------------------------	---

SDS #: S-9502

## Solid Ink - Black Cyan Magenta Yellow

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

**Unsuitable extinguishing media** No information available

### 5.2 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

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

### Other information

<b>Flammable properties</b>	Combustible material: may burn but does not ignite readily
<b>Flash point</b>	> 221 °C / > 429 °F

## **6. ACCIDENTAL RELEASE MEASURES**

### 6.1 Personal precautions, protective equipment and emergency procedures

None required

### 6.2 Environmental precautions

No special environmental precautions required

### 6.3 Methods and materials for containment and cleaning up

No special precautions are needed in handling this material

### 6.4 Reference to other sections

None

## **7. HANDLING AND STORAGE**

### 7.1 Precautions for safe handling

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

### 7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place

### 7.3 Specific end uses

Printing

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1 Control parameters

SDS #: S-9502

## Solid Ink - Black Cyan Magenta Yellow

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

**Exposure Limits** Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

**Engineering measures** None under normal use conditions

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

**Respiratory protection** No special protective equipment required  
**Eye/face protection** No special protective equipment required  
**Hand protection** Protective gloves

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Wax like	<b>Odour</b>	Faint
<b>Odour threshold</b>	No information available	<b>Physical state</b>	Solid
<b>pH</b>	Not applicable	<b>Colour</b>	Black, Cyan, Magenta, Yellow
<b>Flash point</b>	> 221 °C / 429 °F	<b>Boiling point/boiling range</b>	Not applicable
<b>Softening point</b>	Not applicable	<b>Autoignition temperature</b>	Not applicable
<b>Flammability Limits in Air</b>	Not applicable		
<b>Vapour pressure</b>	Not applicable		
<b>Vapour density</b>	Not applicable		
<b>Water solubility</b>	Insoluble		
<b>Viscosity</b>	Not applicable		
<b>Partition coefficient</b>	Not applicable		
<b>Evaporation rate</b>	Not applicable		
<b>Melting point/range</b>	~ 100 °C / ~ 212 °F		
<b>Freezing point</b>	Not applicable		
<b>Decomposition temperature</b>	Not determined		
<b>Specific gravity</b>	~ 1 @ 25 °C		

### 9.2 Other information

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

**Hazardous reactions** None under normal processing  
**Hazardous polymerisation** Hazardous polymerisation does not occur

SDS # : S-9502

## Solid Ink - Black Cyan Magenta Yellow

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

### 10.4 Conditions to avoid

Temperatures above 200 °C

### 10.5 Incompatible materials to avoid

None known

### 10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours

## 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.

### 11.1 Information on toxicological effects

#### Acute Toxicity

##### **Product Information**

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

#### Chronic toxicity

##### **Product Information**

<b>Carcinogenicity</b>	Not classifiable as a human carcinogen
------------------------	--

#### Other toxic effects

##### **Product Information**

<b>Sensitisation</b>	Not expected to be a sensitizer
<b>Mutagenic effects</b>	Not expected to be mutagenic
<b>Target organ effects</b>	No information available

<b>Other adverse effects</b>	None known
<b>Aspiration Hazard</b>	Not applicable

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

<b>Acute Aquatic Toxicity</b>	On available data, substance is not harmful to aquatic life.
<b>Chronic Aquatic Toxicity</b>	On available data, substance is not harmful to aquatic life.

### 12.2 Persistence and degradability

Not readily biodegradable

### 12.3 Bioaccumulative potential

Bioaccumulation is unlikely

SDS # : S-9502

**Solid Ink - Black Cyan Magenta  
Yellow**

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

**12.4 Mobility in soil**

Insoluble in water

**12.5 Results of PBT and vPvB assessment**

Not a PBT according to REACH Annex XIII

**12.6 Other adverse effects**

Presents little or no hazard to the environment

**13. DISPOSAL CONSIDERATIONS****13.1 Disposal considerations****Waste Disposal Method** No special precautions are needed in handling this material**EWC Waste Disposal No.** 08 03 13**14. TRANSPORT INFORMATION****14.1 UN/ID No**

Not regulated

**14.2 Proper shipping name**

Not regulated

**14.3 Transport hazard class(es)**

Not classified

**14.4 Packing Group**

Not applicable

**14.5 Environmental hazards**

Presents little or no hazard to the environment

**14.6 Special precautions for users**

No special precautions are needed in handling this material

**14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code**

Not applicable

**15. REGULATORY INFORMATION**

SDS # : S-9502

**Solid Ink - Black Cyan Magenta  
Yellow**

Issuing Date 2005-07-11

Revision Date 2016-06-24

Version 1

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

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008.

**15.2 Chemical Safety Assessment**

Not applicable

**16. OTHER INFORMATION**

Issuing Date 2005-07-11  
Revision Date 2016-06-24  
Revision Note

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.