



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Polyethylene and fatty amide waxes	Proprietary	50-60
Resin	Proprietary	10-20
Dyes	Proprietary	<5

## 4. FIRST AID MEASURES

<b>General advice</b>	When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.
<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
<b>Notes to physician</b>	Treat symptomatically
<b>Protection of first-aiders</b>	No special protective equipment required

## 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Combustible material: may burn but does not ignite readily.
<b>Flash point</b>	> 221 °C / > 429 °F
<b>Method</b>	Pensky-Martens closed tester
<b>Suitable extinguishing media</b>	Dry powder, Carbon dioxide (CO <sub>2</sub> ), Halons
<b>Unsuitable extinguishing media</b>	No information available.
<b>Hazardous combustion products</b>	May emit toxic fumes under fire conditions
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.

**Specific hazards arising from the chemical**  
No information available

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA 704**

**Health Hazard**  
0

**Flammability**  
0

**Stability**  
0

**Special hazard**  
None

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** None required.

<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for containment</b>	not applicable.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.
<b>Other Information</b>	See Section 12 for additional information

## 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Technical measures/Storage conditions</b>	Keep tightly closed in a dry and cool place
<b>Hygiene measures</b>	None under normal use conditions

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Exposure guidelines**

#### Product information

#### **Other Information**

No hazardous exposure expected under normal use conditions.

### **Biological standards**

No information available.

### **Occupational Exposure Controls**

<b>Engineering measures</b>	None under normal use conditions.
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### **Personal Protective Equipment**

<b>Consumer use</b>	These recommendations apply to the product as supplied
<b>Respiratory protection</b>	No special protective equipment required.
<b>Eye/Face protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Hand protection</b>	No special protective equipment required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Wax like	<b>Odor</b>	Faint
<b>Odor threshold</b>	No information available.	<b>Physical state</b>	Solid
<b>pH</b>	not applicable	<b>Color</b>	Yellow , Black, Cyan , Magenta
<b>Flash point</b>	> 221 °C / > 429 °F	<b>Method</b>	Pensky-Martens closed tester.
<b>Boiling point/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>Vapor pressure</b>	not applicable
<b>Vapor 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>Specific gravity</b>	~ 1 @ 25 °C

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use
<b>Stability</b>	Stable under normal conditions
<b>Incompatible products</b>	None known
<b>Conditions to Avoid</b>	Temperatures above 200°C
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of toxic/corrosive gases and vapors
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur
<b>Hazardous reactions</b>	None under normal processing

## 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.*

### **Acute toxicity**

#### Product information

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

### **Chronic toxicity**

#### Product information

<b>Carcinogenicity</b>	Components not listed by IARC, NTP or OSHA.
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<b>Other Information</b>	No hazardous exposure expected under normal use conditions.
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### **Other toxic effects**

#### Product information

<b>Sensitization</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

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Aquatic toxicity** Not expected to be toxic to daphnia, algae, and fish

13. DISPOSAL CONSIDERATIONS
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**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** Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION
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**Note** This material is not subject to regulation as a hazardous material for shipping.

15. REGULATORY INFORMATION
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**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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**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.

**TSCA**

TSCA 12b does not apply to this product.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>Issuing Date</b>	2007-09-07
<b>Revision Date</b>	2011-05-25
<b>Revision Note</b>	Initial Release

**Disclaimer**

The information provided on this MSDS 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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