1. Product and Company Identification

Trade Name: Solid Ink

for ColorQube 8700, ColorQube 8900


Color: Cyan, Black, Magenta, Yellow

Pure substance/preparation: Preparation

Identified uses: Ink jet printing

Emergency telephone

Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

Emergency Overview

The product contains no substances which, in the form utilized and at their given concentrations, are considered to be hazardous to health.

<table>
<thead>
<tr>
<th>Color</th>
<th>Appearance</th>
<th>Physical state</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyan, Black, Magenta, Yellow</td>
<td>Wax like</td>
<td>Solid</td>
<td>Faint</td>
</tr>
</tbody>
</table>

Classification of the substance or mixture

Consumers: Not classified

GHS Label elements, including precautionary statements

Symbol(s): None required

Signal Word: None

Hazard Statements: None required

Precautionary Statements: None required

Other hazards which do not result in classification
### Potential Health Effects

**Principle Routes of Exposure**

- **Skin contact**

**Acute Toxicity**

- **Eyes**: Not expected to be an irritant
- **Skin**: Not expected to be an irritant
- **Inhalation**: Not applicable
- **Ingestion**: Not applicable

**Chronic effects**

- **Main symptoms**: No known effects under normal use conditions

**Aggravated medical conditions**

- None under normal use conditions

**Environmental hazard**

- See Section 12 for additional Ecological Information

### 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>8002-74-2</td>
<td>50-60</td>
</tr>
<tr>
<td>Resin</td>
<td>Proprietary</td>
<td>10-20</td>
</tr>
<tr>
<td>Blue dye</td>
<td>Proprietary</td>
<td>0-10</td>
</tr>
<tr>
<td>Red dye</td>
<td>Proprietary</td>
<td>0-10</td>
</tr>
<tr>
<td>Yellow dye</td>
<td>Proprietary</td>
<td>0-10</td>
</tr>
<tr>
<td>Black dye</td>
<td>Proprietary</td>
<td>0-10</td>
</tr>
</tbody>
</table>

### 4. First Aid Measures

**General advice**

- When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

**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

**Notes to physician**

- Treat symptomatically

**Protection of first-aiders**

- No special protective equipment required

### 5. Fire-Fighting Measures

**Flammable properties**

- Combustible material: may burn but does not ignite readily

  - **Flash point**: > 221 °C / > 429 °F
  - **Method**: Pensky-Martens closed tester

**Suitable extinguishing media**

- Dry powder, Carbon dioxide (CO₂), Halons

**Unsuitable extinguishing media**

- No information available

**Specific hazards arising from the chemical**

- May emit toxic fumes under fire conditions
Explosion Data

Sensitivity to Mechanical Impact: Not impact sensitive
Sensitivity to Static Discharge: Not sensitive

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.

6. Accidental Release Measures

Personal Precautions: None required
Methods for containment: Not applicable
Methods for cleaning up: Pick up and transfer to properly labeled containers.
Other information: The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>TWA: 2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Black dye</td>
<td></td>
<td>Ceiling: 0.1 mg/m³</td>
</tr>
</tbody>
</table>

Other information: No hazardous exposure expected under normal use conditions.

Occupational Exposure Controls

Engineering measures: None under normal use conditions.

Personal Protective Equipment

Consumer use: These recommendations apply to the product as supplied
Respiratory protection: No special protective equipment required
Eye/Face protection: No special protective equipment required
Skin and body protection: No special protective equipment required
Hand protection: No special protective equipment required
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Wax like</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 221 °C / &gt; 429 °F</td>
</tr>
<tr>
<td>Softening point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>~ 100 °C / ~ 212 °F</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>~ 1 @ 25 °C</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No dangerous reaction known under conditions of normal use</td>
</tr>
<tr>
<td>Stability</td>
<td>Stable under normal conditions</td>
</tr>
<tr>
<td>Incompatible products</td>
<td>None known</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Temperatures above 200°C</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>May emit toxic fumes under fire conditions</td>
</tr>
<tr>
<td>Hazardous polymerization</td>
<td>Hazardous polymerization does not occur</td>
</tr>
<tr>
<td>Hazardous reactions</td>
<td>None under normal processing</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>Not expected to be an irritant</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>No product level data available</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>No product level data available</td>
</tr>
<tr>
<td>Eyes</td>
<td>Not expected to be an irritant</td>
</tr>
<tr>
<td>Skin</td>
<td>Not expected to be an irritant</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

BR547
Ingestion
Not applicable

Chronic toxicity

Product Information
Main symptoms
No known effects under normal use conditions
Aggravated medical conditions
None under normal use conditions
Carcinogenicity
Components not listed by IARC, NTP or OSHA.

Other toxic effects

Product Information
Sensitization
Not expected to be a sensitizer
Mutagenic effects
Not expected to be mutagenic
Target organ effects
No information available

Other adverse effects
None known
Aspiration Hazard
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

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.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black dye</td>
<td>Toxic Corrosive Ignitable</td>
</tr>
</tbody>
</table>

14. Transport Information

Note
This material is not subject to regulation as a hazardous material for shipping

15. Regulatory Information

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black dye</td>
<td></td>
<td>1.0</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

**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):

<table>
<thead>
<tr>
<th>Component</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black dye</td>
<td>(0-10)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>HAPS data</th>
<th>Class 1 Ozone Depletors</th>
<th>Class 2 Ozone Depletors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black dye</td>
<td></td>
<td>0-10</td>
<td>Present</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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**
This product complies with TSCA12(b)

**U.S. 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Black dye</td>
<td></td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

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

## 16. Other Information

**Issuing Date**
2011-12-07

**Revision Date**
2016-04-06

**Revision Note**
(M)SDS sections updated: 3

**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.