

# Safety Data Sheet

SDS # : S-00001

## Avalon Ink - Green, Blue, Teal and Violet

Issuing Date 2011-10-04

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Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** Solid Ink for Avalon Blue 284, Avalon Green 369, Avalon Teal 3105, Avalon Violet 2715

**Part no.** 20969, 108R01091, 19812, 108R01093, 19564, 108R01095, 906156, 108R01097

**Color** Green, Blue, Teal, Violet  
**Pure substance/mixture** Mixture

**Identified uses** Color Solid Ink Printer

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

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Contact with hot product will cause thermal burns

| Color                     | Appearance | Physical state | Odor  |
|---------------------------|------------|----------------|-------|
| Green, Blue, Teal, Violet | Wax like   | Solid          | Faint |

### Classification of the substance or mixture

#### Consumers

#### GHS Label elements, including precautionary statements

Symbol(s)

#### Potential Health Effects

**Principle Routes of Exposure** Skin contact

**Acute Toxicity**

**Eyes** Not expected to be an irritant, Vapor may cause irritation

**Skin** Not expected to be an irritant, Contact with hot product will cause thermal burns

**Inhalation** Not applicable, Inhalation of fumes from molten product may cause dizziness, nausea, and respiratory tract irritation

**Ingestion** Not applicable, May be harmful if swallowed

**Chronic effects**

**Chronic toxicity** No information available

**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**

| Chemical Name  | CAS No.     | Weight % |
|----------------|-------------|----------|
| Wax            | Proprietary | 40-50    |
| Resin          | Proprietary | 20-30    |
| Color Pigments | 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, Rinse thoroughly with plenty of water, also under the eyelids, If irritation persists, call a physician              |
| <b>Skin contact</b>               | Wash off with warm water and soap, Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes, If skin irritation persists, call a physician |
| <b>Inhalation</b>                 | Not applicable, Move to fresh air  |
| <b>Ingestion</b>                  | Not applicable, If swallowed, do not induce vomiting - seek medical advice   |
| <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>                                       | > 200 °C / > °F   |
| <b>Method</b>  | Pensky-Martens closed tester Closed cup   |
| <b>Suitable extinguishing media</b>                      | Dry powder, Carbon dioxide (CO <sub>2</sub> ), Halons, Carbon dioxide, Water spray, fog or alcohol-resistant foam |
| <b>Unsuitable extinguishing media</b>                    | No information available  |
| <b><u>Specific hazards arising from the chemical</u></b> |   |
| <b>Hazardous combustion products</b>                     | Carbon monoxide, Carbon dioxide (CO <sub>2</sub> )  |
| <b>Explosion Data</b>                                    |   |
| <b>Sensitivity to Mechanical Impact</b>                  | Not impact sensitive  |
| <b>Sensitivity to Static Discharge</b>                   | Not sensitive   |

**Protective Equipment and Precautions for Firefighters**  
 Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing. .

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** None required

|                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | Not applicable   |
| <b>Methods for cleaning up</b> | Pick up and transfer to properly labeled containers, Use personal protective equipment   |
| <b>Other information</b>       | The environmental impact of this product has not been fully investigated, However, this preparation is not expected to present significant adverse environmental effects |

|                                |
|--------------------------------|
| <b>7. HANDLING AND STORAGE</b> |
|--------------------------------|

|  |  |
|--|--|
| <b>Advice on safe handling</b>                   | When handling the liquefied product, take care to avoid burns, Avoid inhalation of fumes from liquid product |
| <b>Technical measures and storage conditions</b> | Keep tightly closed in a dry and cool place, No special restrictions on storage with other products          |
| <b>Hygiene measures</b>                          | None under normal use conditions   |

|   |
|---|
| <b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
|---|

**Exposure guidelines**

**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

**Other Protective Equipment**                      Ensure that eyewash stations and safety showers are close to the workstation location

|  |
|--|
| <b>9. PHYSICAL AND CHEMICAL PROPERTIES</b> |
|--|

|                                   |  |                                 |   |
|-----------------------------------|--|---------------------------------|---|
| <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>                    | Green, Blue, Teal, Violet               |
| <b>Flash point</b>                | > 200 °C / > °F  | <b>Boiling point/range</b>      | Not applicable No information available |
| <b>Softening point</b>            | Not applicable No information available                | <b>Autoignition temperature</b> | Not applicable No information available |
| <b>Flammability Limits in Air</b> | Not applicable Not flammable. Will not readily ignite. |                                 |   |

|                                  |  |
|----------------------------------|--|
| <b>Vapor pressure</b>            | Not applicable No information available  |
| <b>Vapor density</b>             | Not applicable                           |
| <b>Water solubility</b>          | Insoluble, Negligible                    |
| <b>Viscosity</b>                 | Not applicable Solid at room temperature |
| <b>Partition coefficient</b>     | Not applicable                           |
| <b>Evaporation rate</b>          | Not applicable                           |
| <b>Melting point/range</b>       | ~ 50-99 °C / ~ °F                        |
| <b>Freezing point</b>            | Not applicable No information available  |
| <b>Decomposition temperature</b> | Not determined                           |
| <b>Specific gravity</b>          | ~ 1.0 - 1.1 @ .? °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, No information available                               |
| <b>Conditions to Avoid</b>              | Temperatures above 200°C, None known based on information supplied |
| <b>Hazardous Decomposition Products</b> | Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )            |
| <b>Hazardous polymerization</b>         | No information available   |
| <b>Hazardous reactions</b>              | Hazardous polymerization does not occur                            |

**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>Oral LD50</b>   | No information available > 5 g/kg (rat)   |
| <b>Dermal LD50</b> | No information available > 2 g/kg (rat)   |
| <b>Eyes</b>        | Not expected to be an irritant, Vapor may cause irritation  |
| <b>Skin</b>        | Not expected to be an irritant, Contact with hot product will cause thermal burns                                     |
| <b>Inhalation</b>  | Not applicable, Inhalation of fumes from molten product may cause dizziness, nausea, and respiratory tract irritation |
| <b>Ingestion</b>   | Not applicable<br>May be harmful if swallowed   |

**Chronic toxicity**

**Product Information**

|                                      |  |
|--------------------------------------|--|
| <b>Main symptoms</b>                 | No known effects under normal use conditions |
| <b>Aggravated Medical Conditions</b> | None under normal use conditions             |
| <b>Carcinogenicity</b>               | Components not listed by IARC, NTP or OSHA.  |

**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

**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

**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 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

#### **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 12(b) does not apply to this product.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****Canada****Not subject to WHMIS classification****WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION**

|                      |                             |
|----------------------|-----------------------------|
| <b>Issuing Date</b>  | 2011-10-04                  |
| <b>Revision Date</b> | 2016-08-29                  |
| <b>Revision Note</b> | (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.

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