Safety Data Sheet

SDS # : S-9506

Solid Ink -Black, Cyan, Magenta, Yellow

Issuing Date 2008-12-02 **Revision Date** 2015-05-28 **Version** 2

Active

1. Product and Company Identification

Trade Name Solid Ink for ColorQube 9200 Series, ColorQube 9300 Series

Part no. 108R00829, 108R00830, 108R00831, 108R00832, 108R00833, 108R00834, 108R00835, 108R00836, 108R00837, 108R00838, 108R00839, 108R00840, XRX16213110-04-NPI, XRX16213210-03-NPI, XRX16213310-03-NPI, XRX16213410-03-NPI

Color Black, Cyan , Magenta, Yellow
Pure substance/preparation Preparation

Identified uses Ink jet printing

Manufactured by Xerox Corporation, Office Group
P.O. Box 1000
Wilsonville, OR 97070-1000

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.

Color	Appearance	Physical state	Odor
Black, Cyan , Magenta, Yellow	Wax like	Solid	Faint

Classification of the substance or mixture

Consumers **Not classified**

GHS Label elements, including precautionary statements

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

Product Description 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	CAS-No	Weight %
Polyethylene wax	9002-88-4	50-60
Resin	Proprietary	10-20
Blue dye	Proprietary	0-10
Red dye	Proprietary	0-10
Yellow dye	Proprietary	0-10
Black dye	Proprietary	0-10

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 (CO_2), Halons

Unsuitable extinguishing media No information available

Specific hazards arising from the chemical

Hazardous combustion products 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 condtions

8. Exposure Controls/Personal Protection

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Black dye		Ceiling: 0.1 mg/m^3

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

Appearance	Wax like	**Odor**	Faint
Odor threshold	No information available	**Physical state**	Solid
pH	Not applicable	**Color**	Black, Cyan , Magenta, Yellow
Flash point	> 221 °C / > 429 °F	**Boiling point/range**	Not applicable
Softening point	Not applicable	**Autoignition temperature**	Not applicable

Flammability Limits in Air	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Water solubility	Insoluble
Viscosity	Not applicable
Partition coefficient	Not applicable
Evaporation rate	Not applicable
Melting point/range	~ 100 °C / ~ 212 °F
Freezing point	Not applicable
Decomposition temperature	Not determined
Specific gravity	~ 1 @ 25 °C

10. Stability and Reactivity

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

Irritation	Not expected to be an irritant
LD50 Oral	> 5 g/kg (rat)
LD50 Dermal	> 2 g/kg (rat)
Eyes	Not expected to be an irritant
Skin	Not expected to be an irritant
Inhalation	Not applicable
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.

Chemical Name	California Hazardous Waste Status
Black dye	Toxic Corrosive Ignitable

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:

Chemical Name	CAS-No	SARA 313 - Threshold Values %

Black dye		1.0

SARA 311/312 Hazard Categories No information available

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):

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Black dye (0-10)		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	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.

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.

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

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 2008-12-02

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Revision Note Updated for OSHA HazCom 2012 and WHMIS 2015, (M)SDS sections updated:, 2, 3, 5, 13, 15

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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