

## Metallic Silver

MSDS Number: 1179

Revision Date:

Page 1 of 5

1

### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Triangle Ink Inc.  
53-57 Van Dyke Street  
Wallington, New Jersey 07057

**Contact:** Bob Smith  
**Phone:** 201935-2777  
**Fax:** 201 935-5961  
**Email:** bob@triangleink.com  
**Web:** www.triangleink.com

2

### HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Inhalation;  
**Target Organs:** Lungs;  
**Inhalation:** Can cause irritation and inflammation of the respiratory tract.  
**Skin Contact:** May cause irritation.  
**Eye Contact:** May cause irritation.  
**Ingestion:** Ingestion is not an applicable route of entry for intended use.

3

### COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

#### OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

6422-86-2	1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
25035-98-7	2-Propenoic acid, methyl ester, polymer with chloroethene
9002-86-2	Ethene, chloro-, homopolymer
77-90-7	1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, tributyl ester
1317-65-3	Calcium carbonate
7429-90-5	Aluminum
69011-73-0	Aluminum alloy, Al,Zn, dross

## Metallic Silver

MSDS Number: 1179

Revision Date:

Page 2 of 5

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.  
**Skin Contact:** Wash with soap and water.  
**Eye Contact:** Flush with large amounts of water.  
**Ingestion:** Get prompt, qualified medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** no data available  
**Autoignition Temp:** N/A

Dry powder, foam, carbon dioxide. Wear self contained breathing apparatus and other protective clothing.

### 6 ACCIDENTAL RELEASE MEASURES

Do not discharge into drains.  
Pick up excess with inert absorbant material and place into separate waste container.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Keep material out of reach of children.  
**Storage Requirements:** Keep away from heat, sparks, and flames. Store in cool/dry area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).  
Use mechanical (general) ventilation for storage areas.  
**Personal Protective Equip:** Apron; Dust respirator; Splash goggles; Gloves;

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	blue paste	<b>Odor:</b>	faint odor
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	N/A
<b>Particle Size:</b>	N/A	<b>Softening Point:</b>	200C
<b>Viscosity:</b>	between 100,000 - 150,000 cps		

### 10 STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.  
**Conditions to Avoid:** Exposure to excessive heat  
**Hazardous Decomposition:** Not known.  
**Hazardous Polymerization:** Will not occur.

## Metallic Silver

MSDS Number: 1179

Revision Date:

Page 3 of 5

11

### TOXICOLOGICAL INFORMATION

The mixture as a whole has not been evaluated for health effects.

12

### ECOLOGICAL INFORMATION

Persistence and degradability: not readily biodegradable

Environmental toxicity: Environmental toxicity has not been determined for this mixture as a whole

Bioaccumulation potential: no data available

Additional advice: no data available

13

### DISPOSAL CONSIDERATIONS

Dispose of properly according to state and Federal regulations.

14

### TRANSPORT INFORMATION

DOT Class: Not regulated #

refer to specific regulations

## Metallic Silver

MSDS Number: 1179

Revision Date:

Page 4 of 5

15

### REGULATORY INFORMATION

R 22 Harmful if swallowed.

R 37/38 Irritating to respiratory system and skin.

\*1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester (6422862 n/a%) TSCA

\*2-Propenoic acid, methyl ester, polymer with chloroethene (25035987 n/a%) TSCA

\*Ethene, chloro-, homopolymer (9002862 n/a%) TSCA

\*Titanium oxide (TiO<sub>2</sub>) (13463677 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate (134098 n/a%) TSCA

\*1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, tributyl ester (77907 n/a%) TSCA

\*Carbon black (1333864 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Titanium dioxide (13463677 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Calcium carbonate (1317653 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Carbon black (1333864 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Carbon black (1333864 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Carbon black (1333864 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

\*Aluminum (7429905 n/a%) EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

\*Aluminum alloy, Al,Zn, dross (69011730 n/a%) TSCA

#### REGULATORY KEY DESCRIPTIONS

-----  
TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

EPCRAWPC = EPCRA Water Priority Chemicals

NJHS = NJ Right-to-Know Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

---

## Metallic Silver

MSDS Number: 1179

Revision Date:

Page 5 of 5

16

### OTHER INFORMATION

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 safety, handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to specific materials designed and may not be valid for such materials used in combination with any other materials or in any process, unless specified in the text.