

Silver Print

842



Resistivity: 0.2 Ohm · mil

- Quick drying
- Durable acrylic base pigmented with high purity flake
- Excellent for repairing and modifying printed circuits and EMI / RFI shielding applications
- Silver pigment provides excellent corrosion resistance

Also available in a [micro-tip dispensing pen](#) format.

Available Sizes

Catalog Number	Sizes Available	Description
842-20G	20g (¾ oz)	Liquid
842-250G	250g (8.8 oz)	Liquid - Bulk



Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 842 - liquid

Name: Silver Print

Related Part Numbers: 842-20G; 842-250G

Use: For repairing traces on circuit boards

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
7440-22-4	Silver	55-60	0.1mg/m ³	0.0 1mg/m ³	N/E
108-88-3	Toluene	7 – 13	50ppm	100ppm	150ppm
64-17-5	Ethyl alcohol	3 – 7	200ppm	200ppm	250ppm
141-78-6	Ethyl acetate	1 – 5	400ppm	400ppm	N/E
110-43-0	2-heptanone	1 – 5	50ppm	100ppm	N/E
110-19-0	2-methylpropyl ester acetic acid	1 – 5	150ppm	150ppm	N/E
67-64-1	2-propanone	1 – 5	750ppm	1000ppm	1000ppm
70657-70-4	2-methoxy-1 propanone acetate	0.1 –1	N/E	N/E	N/E
108-65-6	1-methoxy-2 propanone acetate	0.1 – 1	N/E	N/E	N/E

Section 3: Hazards Identification

NFPA Ratings: Health 1 Flammability 3 Reactivity 0

HMIS Ratings: Health 1 Flammability 3 Physical Hazard 0

Eyes: Liquid in contact with eyes may cause permanent eye damage.

Skin: May cause skin irritation and possible pain and stinging if the skin is abraded.

Inhalation: Solvents may cause respiratory tract irritation, headache, and possible dizziness.

Ingestion: May cause respiratory and digestive tract irritation.

Chronic: Prolonged and repeated exposure may cause dermatitis, defatting of the skin, liver and kidney damage, and adverse central nervous system effects.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with plenty of water. Get medical aid.

Skin: Wash skin with soap and water. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion: Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 14: Transportation Information

Ground Canada: (1L and smaller)

Classified as **Consumer Commodity**. Note: TDG Amendment. Refer to section 1.15, 150 KG gross mass exemption.

Ground USA: - (1L and smaller)

Classified as **ORM-D**. Refer to USA CFR 49 Regulations.

Air: (all sizes).

Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.

Shipping Name: **PAINT RELATED MATERIAL**, UN number: **1263**, Class: **3**, Packing Group: **II**, Flash Point: - 18°C. Subsidiary Risk – nil, Recommend using original MG Chemicals certified outer cartons. Tape all seams on the carton. Hazard Label required – Flammable Liquid. A double arrow orientation label is required and is already printed on the original outer carton.

Sea - All Sizes:

Shipper must be trained and certified. Refer to IMDG regulations.

Shipping Name: **PAINT RELATED MATERIAL**, UN number: **1263**, Class: **3**, Packing Group: **II**, Flash Point: - 18°C. Storage category "A", segregation as for class 9 but away from sources of heat and separated from goods of class 1 except for those in division 1.4.

Section 15: Regulatory Information

CANADA

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

All ingredients in this product are listed on the Domestic Substances List

WHMIS

This product belongs to the following categories: **B2, D2A**

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

USA

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

This product contains Toluene CAS# 108-88-3 (12.8%) and Silver CAS# 7440-22-4 (57%) listed under section 313 as a toxic chemical.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product contains Toluene, and Silver toxic chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product contains Toluene a chemical known to the state of California to cause reproductive toxicity.

EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.