



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

This Safety Data Sheet (SDS) covers welding consumables and related products and complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Superfund Amendments and Reauthorization Act (SARA) of 1986. Refer to the OSHA standard for specific requirements. This SDS is available on our website at www.forneyind.com, through your sales representative, or by contacting customer service at 1-800-521-6038.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION:

Manufacturer/Supplier: Forney Industries, Inc.
Address: 2057 Vermont Drive Fort Collins, CO 80525
Website: www.forneyind.com
Email: CustomerService@forneyind.com
Phone Number: +1 (800) 521-6038
USA Emergency Phone Number: +1 (800) 535-5053
International Emergency Phone Number: +1 (352) 323-3500
Trade Name: Silver Paint Markers

Recommended Use: Solvent based marker
Restrictions on Use: Keep away from children. Not for use on skin
Forney ITEM#'s: **70824, 70834**

SECTION 2 – HAZARDS IDENTIFICATION:

Classification

This product is an article as defined by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200), Canada WHMIS 2015, which includes the amended Hazardous Products Act (HPA) and the Hazardous Product Regulations (HPR), and Mexico's NMX-R-019-SC-2011. No exposure to hazardous chemicals is expected to occur during intended product use. Misuse of the product may result in exposure to hazardous chemicals.

Label Elements

Signal Word

None

Physical and Health Hazards Not Otherwise Classified

Not applicable.

Precautionary Statements Prevention

- None

General Advice

- None

Storage

- None

Disposal

- None

Other information

No information available



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS-No	Weight %	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
n-Butyl acetate	123-86-4	40-50	-	-
Ethyl acetate	141-78-6	35-45	-	-
Propylene glycol monomethyl ether acetate	108-65-6	0-5	-	-

SECTION 4 – FIRST AID MEASURES:

Description of necessary first-aid measures

General Advice Under normal conditions of use first aid is not required.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or Poison Control Center immediately.

Skin Contact Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhalation If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Ingestion IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

Most important symptoms/effects, acute and delayed Most

Important Symptoms/Effects None known

Indication of immediate medical attention and special treatment needed, if necessary Notes to

Physician Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES:

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

The ink contained in this product is flammable but not readily ignited.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

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.



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

SECTION 6 – ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures Personal

Precautions Remove all sources of ignition.

Environmental Precautions

Environmental Precautions Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment None required.

Methods for Cleaning Up Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING AND STORAGE:

Precautions for safe handling

Handling Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Storage Store in a well-ventilated place. Keep cool.

Incompatible Products None known based on information supplied.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Control parameters

Exposure Guidelines The following exposure limits are provided for information only; exposure is not expected under normal conditions of use or storage.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Butyl acetate 123-86-4	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m ³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m ³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m ³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Ethyl acetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m ³

Appropriate engineering controls

Engineering Measures None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/Face Protection No protective equipment is needed under normal use conditions. **Skin and Body Protection** No protective equipment is needed under normal use conditions. **Respiratory Protection** No protective equipment is needed under normal use conditions.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Information on basic physical and chemical properties

Physical State	Liquid.	Appearance	Varies.
Odor	Mild.	Odor Threshold	No information available.
Property	Values	Remarks/ - Method	
pH	No data available	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	96 °C / 205 °F	None known	
Flash Point	23 °C / 73 °F	(Liquid Ink only)	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
upper flammability limit	13.5%		
lower flammability limit	2.1%		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Specific Gravity	.9418	None known	
Water Solubility	No data available	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	No data available	None known	
Flammable Properties	Highly flammable.		
Explosive Properties	No data available		
Oxidizing Properties	No data available		

Other information

VOC Content (%) No data available

SECTION 10 – STABILITY AND REACTIVITY:

Reactivity No data available.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions None under normal processing. **Hazardous Polymerization**

Hazardous polymerization does not occur. **Conditions to avoid** None known based on information supplied. **Incompatible materials** None known based on information supplied.

Hazardous decomposition products Thermal decomposition can lead to release of irritating gases and vapors.



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

SECTION 11 – TOXICOLOGICAL INFORMATION:

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	None under normal use conditions
Eye Contact	None under normal use conditions.
Skin Contact	None under normal use conditions.
Ingestion	None under normal use conditions.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document: Not applicable

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Butyl acetate	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Ethyl acetate	= 5620 mg/kg (Rat)	> 20 mL/kg (Rabbit) > 18000 mg/kg (Rabbit)	= 4000 ppm (Rat) 4 h
Propylene glycol monomethyl ether acetate	= 8532 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None under normal use.

Delayed and immediate effects and also chronic effects from short and long term exposure

Respiratory or Skin Sensitization No information available
Germ Cell Mutagenicity No information available
Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive Toxicity No information available
STOT - single exposure No information available **STOT - repeated exposure** No information available **Aspiration Hazard** No information available.

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity

Not Applicable

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
n-Butyl acetate 123-86-4	EC50 72 h: = 674.7 mg/L (Desmodesmus subspicatus)	LC50 96 h: 17 - 19 mg/L flow-through (Pimephales promelas) LC50 96 h: = 100 mg/L static (Lepomis macrochirus) LC50 96 h: = 62 mg/L static (Leuciscus idus)	EC50 = 70.0 mg/L 5 min EC50 = 82.2 mg/L 15 min EC50 = 959 mg/L 18 h EC50 = 98.9 mg/L 30 min	EC50 24 h: = 72.8 mg/L (Daphnia magna)
Ethyl acetate 141-78-6	EC50 48 h: = 3300 mg/L (Desmodesmus subspicatus)	LC50 96 h: 220 - 250 mg/L flow-through (Pimephales promelas) LC50 96 h: 352 - 500 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 484 mg/L flow-through (Oncorhynchus mykiss)	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	EC50 48 h: = 560 mg/L Static (Daphnia magna)
Propylene glycol monomethyl ether acetate 108-65-6		LC50 96 h: = 161 mg/L static (Pimephales promelas)		EC50 48 h: > 500 mg/L (Daphnia magna)



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

Persistence and Degradability No information available

Bioaccumulation No information available

Chemical Name	Log Pow
n-Butyl acetate	1.81
Ethyl acetate	0.6
Propylene glycol monomethyl ether acetate	0.43

Mobility No information available

Other Adverse Effects No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS:

Waste Disposal Methods Dispose of in accordance with local regulations.

Contaminated Packaging Not Applicable

SECTION 14 – TRANSPORT INFORMATION:

DOT

UN-Number UN1210
Proper shipping name Printing ink
Hazard Class 3
Packing Group III
Description UN1210, Printing ink, 3, III, Limited Quantity

Emergency Response Guide Number

129

TDG

UN-Number UN1210
Proper Shipping Name Printing ink
Hazard Class 3
Packing Group III
Description UN1210, Printing ink, 3, III, Limited Quantity

MEX

UN-Number UN1210
Proper Shipping Name Printing ink
Hazard Class 3
Packing Group III
Description UN1210, Printing ink, 3, III, Limited Quantity

IATA

UN-Number UN1210
Proper Shipping Name Printing ink
Hazard Class 3
Packing Group III
ERG Code 3L
Description UN1210, Printing ink, 3, III, Limited Quantity

IMDG/IMO

UN-Number UN1210
Proper Shipping Name Printing ink



SDS Number: Silver Paint Markers
Revision Date: 4/3/2025

SAFETY DATA SHEET

Hazard Class 3
Packing Group III
EmS No. F-E, S-D
Description UN1210, Printing ink, 3, III, (23°C c.c.), Limited Quantity

SECTION 15 – REGULATORY INFORMATION:

International Regulations

Ozone depleting substances Not applicable Persistent
Organic Pollutants Not applicable Hazardous Waste
Not applicable

Chemical Name	Basel Convention (Hazardous Wastes)
Ethyl acetate	Y42

The Rotterdam Convention (Prior Informed Consent)
International Convention for the Prevention of Pollution from Ships (MARPOL)

Not applicable Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status
DSL/NDSL Contact supplier for inventory compliance status

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

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.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-Butyl acetate	5000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
n-Butyl acetate	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethyl acetate	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.



SAFETY DATA SHEET

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
n-Butyl acetate	X	X	X		X
Ethyl acetate	X	X	X		X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

SECTION 16 – OTHER INFORMATION:

<u>NFPA</u>	Health Hazard 0	Flammability 2	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health Hazard 0	Flammability 2	Physical Hazard 0	Personal Protection X

Page 8 / 8

General 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.

End of Safety Data Sheet