



GANS INK  
& SUPPLY CO.

## Safety Data Sheet

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200)

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### SECTION 1: IDENTIFICATION

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**SDS Number:** UVMS-2002, version 5/4/2018

**(a) Product identifier**

**Gans Item ID:** UVMS-2002, UVV877P, UV12369

**Gans Description:** UV Silver Paste, U/P T17-18 35% Silver Paste

**(b) Other means of identification**

**General description:** UV-Curable Lithographic Printing Ink

**(c) Recommended use**

**Product Use:** Industrial use only

**Restrictions on use:** Not for residential use.

**(d) Supplier's details**

**Manufacturer:** Gans Ink and Supply Co, Inc.

**Address:** 1441 Boyd Street  
Los Angeles, CA 90033

**Contact Person:** Marco Ramos

**Telephone:** 323- 264-2200 x139

**Email:** [MSDS@gansink.com](mailto:MSDS@gansink.com)

**(e) Emergency telephone number:**

Available only during business hours

(323) 264-2200; Monday- Friday 7:00 A.M. – 9:00 P.M.

24 Hours Response: Los Angeles County Fire Department / HazMat. Department

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### SECTION 2: HAZARD(S) IDENTIFICATION

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**(a) Classification:** Not classified as Hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Physical hazards:** Not classified as hazardous

**Health hazards:** Not classified as hazardous

**(b) Label elements**

**Signal Word:** NA

**Hazard Statements:** NA

**Precautionary Statements:** NA

**Hazard Pictograms:** NA

**(c) Hazards not otherwise classified:** None known

**(d) Ingredients of unknown acute toxicity:** NA

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### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

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Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
aluminum powder (stabilized)	7429-90-5	60.0	80.0
Benzene (tetrapropenyl) derivatives	68512-02-7	20.0	40.0

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### SECTION 4: FIRST AID MEASURES

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**(a) Description of first aid measures:**

**Inhalation:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.

**Skin contact:** Gently wash with plenty of water and soap.

**Eye contact:** Rinse cautiously with water for several minutes.

**Ingestion:** If swallowed, call a physician immediately.

**(b) Most important symptoms and effects, both acute and delayed:**

**Ingestion:** Not classified as hazardous; Data not available.

**Inhalation:** Not classified as hazardous; Data not available.

**Skin contact:** Not classified as hazardous; Data not available.

**Eye contact:** Not classified as hazardous; Data not available.

**(c) Indication of any immediate medical attention and special treatment needed:** Not classified as hazardous; Data not available.

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### SECTION 5: FIRE – FIGHTING MEASURES

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**(a) Extinguishing Media:**

**Suitable extinguishing media:** Use CO<sub>2</sub>, extinguishing powder, extinguishing powder for metal fires, or dry sand. Fight larger fires with alcohol resistant foam. Do not use water.

**Unsuitable extinguishing media:** Water.

**(b) Special hazards arising from the substance or mixture:** None known

**(c) Special protective equipment and precautions for fire-fighters:** Wear NIOSH approved self-contained respiratory protective device, and fully protective fire-fighting suit.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**(a.i) Personal precautions:** Ensure adequate ventilation for general industrial environment.

**(a.ii) Protective equipment:** See Section 8 for details. Use personal protective equipment that is appropriate for the general industrial environment.

**(a.iii) Emergency procedures:** Follow emergency procedures that are appropriate for the general industrial environment.

**(b) Methods for containment and cleaning up:** Dike and contain spill. Soak up with inert absorbent material.

## SECTION 7: HANDLING AND STORAGE

**(a) Precautions for safe handling:** Do not ingest. Wash hands after handling. Take off contaminated clothing and wash it before reuse.

**(b) Conditions for safe storage:** Keep cool and dry. Do not freeze. Ideal storage temperature is 50-90 °F (10-32 °C).

**Incompatibilities:** No data available

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

(a) Permissible exposure limits		OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH 2015 TVL
Substance	CAS #	ppm	mg/m <sup>3</sup>	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
aluminum powder (stabilized) No data for liquid/paste	7429-90-5	Not listed	Not listed	Not listed	Not listed	Not listed
Benzene (tetrapropenyl) derivatives	68512-02-7	Not listed	Not listed	Not listed	Not listed	Not listed

### **(b) Appropriate engineering controls:**

**Ventilation requirements:** Ensure adequate ventilation for general industrial environment.

**General protective measures:** Ensure that eye flushing /eye wash stations, and hand washing areas are accessible.

### **(c) Personal protective equipment:**

**Inhalation:** Use protective equipment appropriate for the general industrial environment.

**Skin Contact:** Wear protective gloves/protective clothing that is appropriate for the general industrial environment. Ansell Chemical Resistance Guide, 7<sup>th</sup> Edition recommends the following glove materials for alkanes (chemically similar to white mineral oil CAS 8042-47-5): Solvex, nitrile; PVA, supported polyvinyl alcohol.

**Eye Contact:** Wear eye protection/face protection that is appropriate for the general industrial environment.

**Ingestion:** Avoid eating, drinking, or smoking in work area and wash hands after handling this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**(a) Appearance (physical state, color):** Paste, metallic silver

**(b) Odor:** Mild petroleum solvent

**(c) Odor threshold:** Data not available

**(d) pH:** NA

**(e) Melting point/ freezing point:** Data not available

**(f) Initial Boiling point / Range:** 424 °F (218 °C) estimated

**(g) Flashpoint:** 234 °F (112 °C) estimated

**(h) Evaporation Rate:** Data not available

**(i) Flammability (solid/ gas):** Data not available

**(j) Upper/ lower flammability explosion limits:** Data not available

**(k) Vapor Pressure:** Data not available

**(l) Vapor Density (Air = 1):** Data not available

- (m) **Relative Density (H<sub>2</sub>O = 1):** 1.5-1.9  
 (n) **Solubility:** Insoluble in water  
 (o) **Partition coefficient n-Octanol/ Water:** Data not available  
 (p) **Auto-ignition temperature:** Data not available  
 (q) **Decomposition temperature:** Data not available  
 (r) **Viscosity:** Data not available

**SECTION 10: STABILITY AND REACTIVITY INFORMATION**

- (a) **Reactivity:** Not reactive under normal storage conditions. See Section 7.  
 (b) **Chemical stability:** Mixture is chemically stable under normal storage and handling conditions, and under normal temperatures and pressures.  
 (c) **Possibility of hazardous reactions:** No data available  
 (d) **Conditions to avoid:** Keep away from high heat, and freezing.  
 (e) **Incompatible materials:** No data available  
 (f) **Hazardous decomposition product:** No data available

**SECTION 11: TOXICOLOGICAL INFORMATION**

(a) **Likely routes of exposure:** Skin contact, eye contact, inhalation, ingestion.

**(b) Symptoms related to physical, chemical, and toxicological characteristics:**

- Skin contact:** Not classified as Hazardous  
**Eye contact:** Not classified as Hazardous  
**Inhalation:** Not classified as Hazardous  
**Ingestion:** Not classified as Hazardous

**(c) Delayed and immediate effects, and chronic effects from long-term exposure**

- o Not classified as Hazardous

**(d) Numerical measures of toxicity, acute:**

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
aluminum powder (stabilized)	7429-90-5	LD50 15,900 mg/kg bw (rat)	LC50 (4 h) 888 mg/m <sup>3</sup> air (rat)	No data available
Benzene (tetrapropenyl) derivatives	68512-02-7	No data available	No data available	No data available

**(e) Carcinogens information:**

**IARC** Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans): This mixture does not contain listed materials  
**NTP** (13<sup>th</sup> Report on Carcinogens): This mixture does not contain listed materials  
**OSHA:** This mixture does not contain listed materials

**SECTION 12: ECOLOGICAL INFORMATION**

**(a) Ecotoxicity:**

**Classification of mixture:** Not classified as Hazardous

**(b) Persistence and degradability:** No data available

- (c) Bioaccumulative potential:** No data available.  
**(d) Mobility in soil:** No data available  
**(e) Other adverse effects:** No known adverse effects

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Dispose of contents/container in accordance with local/regional/national regulations.

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## SECTION 14: TRANSPORT INFORMATION

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**US DOT (Ground):** Not regulated as a dangerous good

- (a) UN number:** Not regulated as a dangerous good  
**(b) UN Proper Shipping Name:** Not regulated as a dangerous good  
**(c) Transport hazard class:** Not regulated as a dangerous good  
**(d) Packing Group:** Not regulated as a dangerous good  
**(e) Environmental hazards:** Not regulated as a dangerous good  
**(f) Transport in bulk**  
    **MARPOL 73/78:** Not regulated as a dangerous good  
    **IBC:** Not regulated as a dangerous good.  
**(g) Special Precautions:** None known

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## SECTION 15: REGULATORY INFORMATION

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### U.S. Federal Regulations

**TSCA Section 8(b) Inventory Status:** All ingredients of this mixture are listed on the TSCA Inventory

**EPCRA, Section 302 – Extremely hazardous substances:** This mixture does not contain listed materials.

**CERCLA Hazardous Substances:** This mixture does not contain listed materials.

**EPCRA Section 313 Toxic Chemicals:**

- aluminum powder (stabilised) CAS 7429-90-5 (as fume or dust)

**CAA 112(r) Regulated Chemicals for Accidental Release Prevention:** This mixture does not contain listed materials.

**Hazardous Air Pollutants (HAP):** This mixture does not contain listed materials

### U.S. State Regulations

**California Proposition 65:** This mixture does not contain listed materials.

**New Jersey Right to Know:**

- aluminum powder (stabilized) CAS 7429-90-5

**Pennsylvania Right to Know:**

- aluminum powder (stabilized) CAS 7429-90-5

### Canadian Environmental Protection Act:

**WHMIS Classification:** No data available

**European Chemical Agency (ECHA):** This mixture does not contain listed materials.

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## SECTION 16: OTHER INFORMATION

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The information herein is presented in good faith, based on the data available to us and is believed to be correct as of the date hereof. However, Gans Ink and Supply Co., Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Gans Ink and Supply Co., Inc. assumes no responsibility for any damages of any nature directly or indirectly resulting from the use of or reliance upon the information contained herein. Users must make their own determination as to the suitability of the product for their purpose prior to use. In accordance with good practices of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.