



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:** 611, version 4/5/2017

**(a) Product identifier**

**Gans Item ID:** 43-232, 49-233, 49-500, 56-500, 58-232, 62-500, 76-231

X100201, X100471, X102317, X102514, X101538, X101843, X102408, X102531, X102531A, X102708, X102753, X102754X, X102755, X102756, X103041, X103081, X103295, X103324, X103325, X103328, X103435, X103439, X103498, X103530, X103531, X103532

**Gans Description:** OS Solvent Reactive, OS Solvent Reactv, OS Solvent React, OS Solv React, ESL Gray, Solvent Reactive Erasable SRE

**(b) Other means of identification**

**General description:** 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**

- This mixture is hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Physical hazards:** Not classified as hazardous
- **Health hazards:**
  - Skin Irritation – Category 2
  - Eye Damage/Irritation – Category 2A



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- Sensitization, Skin – Category 1
- Germ Cell Mutagenicity – Category 2
- Carcinogenicity – Category 2
- Hazardous to the Aquatic Environment, Chronic – Category 3

**(b) Label elements**

**Signal Word:** Warning

**Hazard Statements:** Causes skin irritation; Causes serious eye irritation; May cause an allergic skin reaction; Suspected of causing genetic defects; Suspected of causing cancer; Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection. Avoid breathing mist/vapors/spray. Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment

Response: If exposed or concerned: Get medical advice/attention.

IF SWALLOWED: If exposed or concerned: Get medical advice/attention.

IF INHALED: No recommendation.

IF ON SKIN OR HAIR: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: Store locked up.

Disposal: Dispose of contents/container to disposal recycling center. Waste management should be in full compliance with federal, state and local laws.

**Hazard Pictograms:**



**(c) Hazards not otherwise classified**

None known

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

None known

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**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

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**Substance / Mixture:** Mixture

TS = Trade Secret (as specified by substance manufacturer)

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
Gans Security Pigment 576-23	TS	0	27.0
Gans Security Pigment 549-15	TS	0	25.0
hydroquinone	123-31-9	0	0.3

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#### SECTION 4: FIRST AID MEASURES

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

**Ingestion:** If exposed or concerned: Get medical advice/attention. Only induce vomiting at the instruction of a physician.

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

**Skin contact:** Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

**Ingestion:** Suspected of causing genetic defects. Suspected of causing cancer.

**Inhalation:** Data not available.

**Skin contact:** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact:** Causes serious eye irritation.

**(c) Indication of any immediate medical attention and special treatment needed:**

Symptoms such as loss of breath, and burning, pain, or irritation to lungs, eyes, or skin may indicate exposure and the need for first aid.

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#### SECTION 5: FIRE – FIGHTING MEASURES

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**(a) Extinguishing Media:**

**Suitable extinguishing media:** Use CO<sub>2</sub>, dry chemical, fire-fighting foam, or water fog extinguishing media

**Unsuitable extinguishing media:** Do not use water stream. Water stream or spray is OK to cool unopened containers only.

**(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:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection. Avoid breathing mist/vapors/spray. Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

**(a.ii) Protective equipment:** Positive pressure, full-face, self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

**(a.iii) Emergency procedures:** If dangerous conditions exist, contact emergency response personnel, follow emergency procedures, and contact emergency response authorities.

**(b) Methods for containment and cleaning up:**

Dike and contain spill. For large spills remove by mechanical means and place in containers. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal.

**SECTION 7: HANDLING AND STORAGE**

**(a) Precautions for safe handling:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection. Avoid breathing mist/vapors/spray. Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment.

**(b) Conditions for safe storage:**

Store locked up.

**Incompatibilities:** Keep away from strong oxidizing agents.

**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
Gans Security Pigment 576-23	TS	Data not available	Data not available	Data not available	Data not available	Data not available
Gans Security Pigment 549-15	TS	Data not available	Data not available	Data not available	Data not available	Data not available
hydroquinone	123-31-9	Data not available	2	2 mg/m <sup>3</sup>	(C) 2 mg/m <sup>3</sup> [15 min]	1 mg/m <sup>3</sup>

**(b) Appropriate engineering controls:**

**Ventilation requirements:** Handle only in a place equipped with local exhaust (or other appropriate exhaust). Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

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

**(c) Personal protective equipment:**

**Inhalation:** Avoid breathing mist/vapors/spray. Where mist/vapors/spray present, an organic vapor full facepiece respirator is recommended (to protect eyes and face as well).

**Skin Contact:** Wear protective gloves, and protective clothing. Contaminated work clothing must not be allowed out of the workplace. Ansell Chemical Resistance Guide, 7<sup>th</sup> Edition recommends the following glove materials for hydroquinone CAS 123-31-9: Sol-Vex, nitrile; Snorkel, polyvinyl chloride; Chemi-Pro, neoprene/natural rubber blend.

**Eye Contact:** Wear eye protection, and face protection. Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: full face shield.

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

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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(a) **Appearance (physical state, color):** Viscous paste, various colors

(b) **Odor:** Oleoresinous

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

(d) **pH:** NA

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

(f) **Initial Boiling point / Range:** Data not available

(g) **Flashpoint:** > 200 °F (>93.3 °C)

(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 (mm Hg @ 68°F):** Data not available

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

(m) **Relative Density (H<sub>2</sub>O = 1):** 1.05 – 1.30

(n) **Solubility:** Slightly soluble 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

### Other properties

**VOC % (wt.):** 1-6

**VOC:** .09 - .65 (lbs./gal); 10.5 – 78 g/L

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## SECTION 10: STABILITY AND REACTIVITY INFORMATION

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(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, freezing.

(e) **Incompatible materials:** Strong oxidizers.

(f) **Hazardous decomposition product:** Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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

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

**Skin contact:** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact:** Causes serious eye irritation.

**Inhalation:** No data available

**Ingestion:** Suspected of causing genetic defects. Suspected of causing cancer.

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

Suspected of causing genetic defects. Suspected of causing cancer.

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

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Gans Security Pigment 576-23	TS	Data not available	Data not available	Data not available
Gans Security Pigment 549-15	TS	Data not available	Data not available	Data not available
hydroquinone	123-31-9	LD50 367.3 - 375 mg/kg bw (rat)	Data not available	LD50 2000 mg/kg bw (rabbit)

**(e) Carcinogens information:**

**IARC:** Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans) by IARC: 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.

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**SECTION 12: ECOLOGICAL INFORMATION**

**(a) Ecotoxicity**

**Classification of mixture:**

- Hazardous to the Aquatic Environment, Chronic – Category 3; Harmful to aquatic life with long lasting effects

**(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**

Dispose of contents/container in accordance with local/regional/national regulations. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

RCRA Codes: NA

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**SECTION 14: TRANSPORT INFORMATION**

**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:**

- Hydroquinone CAS 123-31-9: TPQ = 500/10,000

**CERCLA Hazardous Substances:**

- Hydroquinone CAS 123-31-9: RQ = 100

**EPCRA Section 313 Toxic Chemicals:**

- Hydroquinone CAS 123-31-9

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

**Hazardous Air Pollutants (HAP):**

### U.S. State Regulations

**Pennsylvania Right to Know: Chapter 323. Hazardous Substance List**

- Hydroquinone CAS 123-31-9: E—Environmental Hazard

**New Jersey Right to Know**

No data available

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

**Canadian Environmental Protection Act:**

**WHMIS Classification:** No data available

**European Chemical Agency (ECHA):** No data available

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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.