



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:** 634, version 2/25/2019

**(a) Product identifier**

**Gans Item ID:** 22X, 22XH, 10699

**Gans Description:**

Rubber Base XX Black, Alamo Dup Black, Rubber Plate Numbering Red

**(b) Other means of identification**

**General description:** Lithographic and Letterpress Printing Inks

**(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 numbers:**

**Chemical spill or physical hazard:** Contact the Local Emergency Response Agency 9-1-1, or the Local Fire Department

**Ingestion or health hazard:** Contact the National Capital Poison Center, Poison Control: 800 222-1222; Poison.org

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### SECTION 2: HAZARD(S) IDENTIFICATION

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**(a) Classification:** According to OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Physical hazards:** NA

**Health hazards:**

Eye Damage/Irritation – Category 2A

Sensitization, Skin – Category 1

Germ Cell Mutagenicity – Category 2

Carcinogenicity – Category 2

**(b) Label elements**

**Signal Word:** Warning



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**Hazard Statements:** Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. Suspected of causing cancer.

**Precautionary Statements:** 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 fume/gas/mist/ vapors/spray. Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response:

IF INGESTED: Get medical advice/attention if you feel unwell.

IF ON SKIN OR HAIR: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing 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:** 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. %)
Proprietary Rosin Adduct Ester	TS	0.0%	3.3%
Fatty acid ester	TS	0.0%	2.2%
Butanone oxime	96-29-7	0.0%	2.0%
Cyclohexanone oxime	100-64-1	0.0%	0.7%
Distillates (petroleum), sweetened middle	64741-86-2	0.0%	0.3%
Hydroquinone	123-31-9	0.0%	0.3%

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**SECTION 4: FIRST AID MEASURES**

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

**Ingestion:** Get medical advice/attention if you feel unwell.

**Inhalation:** Data not available

**Skin contact:** Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing 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.

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

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

**Inhalation:** Data not available.

**(c) Indication of any immediate medical attention and special treatment needed:** Data not available.

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## SECTION 5: FIRE – FIGHTING MEASURES

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**(a) Extinguishing Media:**

**Suitable extinguishing media:** This product is not expected to support combustion. Use CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media:** Water with full jet.

**(b) Special hazards arising from the substance or mixture:** Burning produces heavy smoke and combustion gasses.

**(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 additional 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 appropriate for oil based mixtures.

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## SECTION 7: HANDLING AND STORAGE

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**(a) Precautions for safe handling:** Do not ingest. Avoid contact with mouth, nose, eyes and skin, inhalation of vapors and mists. Wash hands after handling. Take off contaminated clothing and wash it before reuse.

**(b) Conditions for safe storage:** Ideal storage temperature is 50-90 °F (10-32 °C).

**Incompatibilities:** Keep away from oxidizing agents. Keep away from high heat, and freezing.

## 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
Hydroquinone	123-31-9		2	2 mg/m <sup>3</sup>	(C) 2 mg/m <sup>3</sup> [15-min]	1 mg/m <sup>3</sup>

No hazardous ingredients in this mixture appear on OSHA Annotated Tables Z-1, Z-2, or Z-3.

### **(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:** Recommended: disposable vinyl, or nitrile rubber gloves; wear Ansell Sol-Vex Nitrile gloves or similar for greater protection.

**Eye Contact:** Where eye contact is possible, wear protective eye shields. Otherwise, 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):** Viscous Paste, black or red color

(b) **Odor:** Data not available

(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:** > 212 °F (> 100 °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:** Data not available

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

(m) **Relative Density (H<sub>2</sub>O = 1):** 1.19 average

(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

### **Other properties**

**VOC % (wt.):** 20.3 average

**VOC:** 2.1 lbs./gal.; 242 g/L

## 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:** Strong oxidizers, strong acids, strong bases
- (f) **Hazardous decomposition product:** Carbon and nitrogen oxides are the main combustion gases.

## 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:** May cause an allergic skin reaction

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

**Inhalation:** Not classified as Hazardous

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

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

May cause an allergic skin reaction

Suspected of causing genetic defects. Suspected of causing cancer.

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

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Proprietary Rosin Adduct Ester	TS	Data not available	Data not available	Data not available
Fatty acid ester	TS	Data not available	Data not available	Data not available
Butanone oxime	96-29-7	LD50 900 - 2 326 mg/kg bw (rat)	LC50 (4 h) 4.83 mg/L air (rat)	LD50 1000 mg/kg bw (rabbit)
Cyclohexanone oxime	100-64-1	LD50 882.82 - 1 765.01 mg/kg bw (rat)	Data not available	approx. LD50 5000 mg/kg bw (rabbit)
Distillates (petroleum), sweetened middle	64741-86-2	LD50 5000 mg/kg bw (rat)	LC50 (4 h) 1.72 - 4.6 mg/L air (rat)	LD50 2000 mg/kg bw (rabbit)
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

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### **(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. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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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 in this mixture are listed on the TSCA Chemical Inventory, or are not required to be listed.

**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):** This mixture does not contain listed materials

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### **U.S. State Regulations**

**California Proposition 65:**

**⚠ WARNING:** This product can expose you to chemicals including Pigment Red 53:1 (D&C Red No. 9)\*, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Complete list:

- Pigment Red 53:1 (D&C Red No. 9) CAS 5160-02-1

\* Product 10699 contains Pigment Red 53:1, CAS 5160-02-1 (15.1% maximum); not included in 22X, 22XH

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**New Jersey Right to Know:**

- Hydroquinone CAS 123-31-9

**Oregon DEQ List of Air Toxic Contaminants:**

- Hydroquinone CAS 123-31-9

**Pennsylvania Right to Know:**

- Hydroquinone CAS 123-31-9

**Canadian Environmental Protection Act:**

**WHMIS Classification:** No data available

**European Chemical Agency (ECHA)**

**Candidate List of Substances of Very High Concern (SoVHC), including 27 June 2018 update:** 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.