



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: 600, version 7/10/2017

(a) Product identifier

Gans Item ID: A111000, A124100, A129133, S-1026, S-1027, S-700

Gans Description: OS Drone Dull OP Varnish, OS WF Satin Varnish, OS Satin OP Varnish, L-6000 Gloss OP Varnish, L-8500 Gloss WF OP Varnish, Soy Lite OP Varnish

(b) Other means of identification

General description: Lithographic overprint varnish

(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

(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

SECTION 2: HAZARD(S) IDENTIFICATION

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

Physical hazards: NA

Health hazards: NA

(b) Label elements

Signal Word: NA

Hazard Statements: NA

Precautionary Statements: NA

Response:

IF ON SKIN OR HAIR: Wash with plenty of water and soap.

IF IN EYES: Rinse cautiously with water for several minutes.

Storage: Keep cool.

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

Hazard Pictograms: NA

(c) Hazards not otherwise classified: None known

(d) Ingredients of unknown acute toxicity: NA

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

| Substance | CAS # (TS = trade secret) | Conc. min. (wt. %) | Conc. max. (wt. %) |
|-------------------------------------|---------------------------|-----------------------|-----------------------|
| Mixture not classified as Hazardous | | | |

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

Inhalation: Data not available

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: Data not available.

Inhalation: Data not available.

Skin contact: Data not available.

Eye contact: Data not available.

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

SECTION 5: FIRE – FIGHTING MEASURES

(a) Extinguishing Media:

Suitable extinguishing media: Use CO₂, dry chemical 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: 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

(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. Do not freeze. 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 ³ | 8-hour TWA (ST) STEL (C) Ceiling | Up to 10-hour TWA (ST) STEL (C) Ceiling | 8-hour TWA (ST) STEL (C) Ceiling |
| Mixture not classified as Hazardous | | | | | | |

No other hazardous ingredients 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: Wear protective gloves/protective clothing that is appropriate for the general industrial environment. Neoprene or nitrile gloves are recommended.

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): Viscous liquid, amber color

(b) Odor: Mild oleoresinous smell

(c) Odor threshold: Data not available

(d) pH: NA

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

(f) Initial Boiling point / Range: >500 °F (>260 °C)

(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 (H₂O = 1):

- A111000 ~ 1.15
- A124100 ~ 1.06
- A129133 ~ 1.07
- S-1026 ~ .99
- S-1027 ~ .97
- S-700 ~ .97

(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.):

- A111000 ~ 18%
- A124100 ~ 21%
- A129133 ~ 20%
- S-1026 ~ 22%
- S-1027 ~ 25%
- S-700 ~ 0%

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, freezing.

(e) Incompatible materials: Strong oxidizers.

(f) Hazardous decomposition product: Data not 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

- Not classified as Hazardous

(d) Numerical measures of toxicity, acute:

| Substance | CAS # (TS= trade secret) | Oral | Inhalation | Dermal |
|---|--------------------------------|------|------------|--------|
| Mixture not classified as Hazardous | | | | |

(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 (13th 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

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.

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

SECTION 15: REGULATORY INFORMATION

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: This mixture does not contain listed materials.

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

Pennsylvania Right to Know: This mixture does not contain listed materials.

New Jersey Right to Know: This mixture does not contain listed materials.

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

Canadian Environmental Protection Act:

WHMIS Classification: No data available

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

SECTION 16: OTHER INFORMATION

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.