



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: 608, version 12/13/2016

(a) Product identifier

Gans Item ID: X102357, X102713

Gans Description: OS Carbonizing Blue, OS Carbonizing Black

(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

(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. Take off contaminated clothing and wash it before reuse.

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: 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. Take off contaminated clothing and wash it before reuse.

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, 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

(a.ii) Protective equipment: 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: If it is safe to do so, adjust leaking containers to reduce or eliminate the continued release. Wear all Personal Protection listed in Section 8 before directly contacting spilled material. For high viscosity materials, scoop

or shovel material into appropriate container for reuse, recycling, or disposal. For low viscosity materials, first surround and then cover spilled material with inert absorbent (vermiculite, or similar). Then scoop or shovel material into appropriate container for reuse, recycling, or disposal.

Residual material can be cleaned with acetone, or other press solvent.

Consult your company's spill procedure for details of regulatory restrictions and recommendations.

Do not allow spilled materials, or clean up materials to enter storm drains or natural water ways.

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

Incompatibilities: Keep away from oxidizing agents and strongly acid or alkaline materials.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Substance	CAS #	OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH 2015 TVL
		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						

(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. Nitrile rubber gloves are compatible with ink chemistry.

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/gel, black color

(b) Odor: Mild smell of sap or vegetation

(c) Odor threshold: Data not available

(d) pH: NA

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

(f) Initial Boiling point / Range: > 200.1 °F (> 93.4 °C)

(g) Flashpoint: > 200.1 °F (> 93.4 °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):** ~ 1.0 (68 °F (20 °C))
- (n) **Solubility:** Data not available
- (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.): 29

VOC (lbs./gal): 2.4

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 open flames, sparks, hot surfaces and sources of ignition.
- (e) **Incompatible materials:** No data available.
- (f) **Hazardous decomposition product:** Thermal decomposition may yield carbon and nitrogen oxides.

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)	Dermal	Oral	Inhalation
Mixture not classified as Hazardous				

(e) Carcinogens information:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans) by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP (13th Report on Carcinogens).

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

(a) Ecotoxicity

Classification of mixture: Not classified

(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): No data available

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.