



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1312, version 6/5/2018

(a) Product identifier

Gans Item ID: S-1312

Gans Description: Krystal Kote Matte

(b) Other means of identification

General description: Water-based, press-applied coating

(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: Classified as Hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards: Not classified as hazardous

Health hazards:

- Eye Damage/Irritation – Category 1
- Specific Target Organ Toxicity, Repeat Exposure – Category 2

(b) Label elements

Signal Word: Danger

Hazard Statements: Causes serious eye damage; May cause damage to organs (liver, kidneys) through prolonged or repeated exposure (oral).

Precautionary Statements: Wear eye protection/face protection. Do not breathe fume/mist/ vapors/spray.

Response:

Get medical advice/attention if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
2,2'-oxydiethanol	111-46-6	8.5%	11.5%
Docosate sodium	577-11-7	5.1%	6.9%

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. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Get medical advice/attention if you feel unwell. Only induce vomiting at the instruction of a physician.

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

Ingestion: May cause damage to organs (liver, kidneys) through prolonged or repeated exposure (oral).

Inhalation: Data not available. Not classified as hazardous

Skin contact: May cause skin irritation.

Eye contact: Causes serious eye damage;

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

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

SECTION 5: FIRE – FIGHTING MEASURES

(a) Extinguishing Media:

Suitable extinguishing media: This product is not expected to support combustion. Use water, dry extinguishing media, or foam to extinguish.

Unsuitable extinguishing media: None known

(b) Special hazards arising from the substance or mixture: Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.

(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: Wear eye protection/face protection. Do not breathe fume/mist/ vapors/spray. Ensure adequate ventilation for general industrial environment.

(a.ii) Protective equipment: See Section 8 for details.

(a.iii) Emergency procedures: Follow your company's general emergency procedures.

(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: Wear eye protection/face protection. Do not breathe fume/mist/ vapors/spray.

(b) Conditions for safe storage: Keep containers tightly closed and away from extreme heat and cold. Do not freeze. Ideal storage temperature is 50-90 °F (10-32 °C).

Incompatibilities: Avoid contact with strong acids and alkalis.

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
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: Do not breathe fume/mist/ vapors/spray. Where fume/mist/ vapors/spray is present, an organic vapor full facepiece respirator is recommended (to protect eyes and face as well).

Skin Contact: Chemical resistant gloves are recommended: nitrile, vinyl, or other general chemical resistant material.

Eye Contact: Wear eye protection/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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- (a) **Appearance (physical state, color):** Liquid, tan color
- (b) **Odor:** Mild ammonia
- (c) **Odor threshold:** Data not available
- (d) **pH:** 7-10
- (e) **Melting point/ freezing point:** Data not available
- (f) **Initial Boiling point / Range:** >210 °F (> 98.9 °C)
- (g) **Flashpoint:** > 200 °F (> 93.30 °C)
- (h) **Evaporation Rate:** Slower than butyl acetate
- (i) **Flammability (solid/ gas):** Data not available
- (j) **Upper/ lower flammability explosion limits:** Data not available
- (k) **Vapor Pressure:** Same as water
- (l) **Vapor Density (Air = 1):** Data not available
- (m) **Relative Density (H₂O = 1):** 1.07 (68 °F (20 °C))
- (n) **Solubility:** Miscible with 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.): < 28.0

VOC: < 2.49 (lbs./gal); < 300 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:** Avoid contact with strong acids and alkalis.
- (f) **Hazardous decomposition product:** CO_x.

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: Data not available. Not classified as hazardous

Eye contact: Causes serious eye damage;

Inhalation: Data not available. Not classified as hazardous

Ingestion: May cause damage to organs <liver, kidneys.> through prolonged or repeated exposure <<oral>>

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

May cause damage to organs <liver, kidneys.> through prolonged or repeated exposure <<oral>>

(d) Numerical measures of toxicity, acute exposure:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Docusate sodium	577-11-7	LD50 2100 - 3000 mg/kg bw (rat)		LD50 10,000 mg/kg bw (rabbit)

Repeat exposure

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
2,2'-oxydiethanol	111-46-6	NOAEL (rat): 128 - 936 mg/kg bw/day [3]	Data not available	NOAEL (dog): 2220 - 4440 mg/kg bw/day

(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

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

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

Oregon DEQ List of Air Toxic Contaminants:

- 2,2'-oxydiethanol CAS 111-46-6

Pennsylvania Right to Know:

- 2,2'-oxydiethanol CAS 111-46-6

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.