



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:** 605, version 8/30/2016

**(a) Product identifier**

**Gans Item ID:** X100634, X100629, X100960, X101007, X101418, X102541, X102817, X102888, X102989, X103049, X103277, X100631, X100632, X100633, X100635, X100636, X100637, X100638, X100639, X103545

**Gans Description:** OS Thermochromic 31C, 88F, 45C, 15C (all activation temperatures)

**(b) Other means of identification**

**General description:** Offset/Lithographic 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 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
- **Health hazards:**
  - Eye Damage - Category 2A
  - Reproductive Toxicity - Category 1B
  - Aquatic Hazard, Acute – Category 1
  - Aquatic Hazard, Chronic – Category 1

**(b) Label elements**

**Signal Word:** Danger

**Hazard Statements:** Causes serious eye irritation. May damage fertility or the unborn child. Very toxic to aquatic life. Very toxic 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. Wash hands thoroughly after handling. Avoid release to the environment.

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

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

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 / Mixture:** Mixture

TS = Trade Secret (as specified by substance manufacturer)

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.1	10.0
1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, methylated	68002-20-0	0.1	10.0

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**SECTION 4: FIRST AID MEASURES**

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

**Inhalation:** General advice: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Skin contact:** Wash with plenty of soap and water. General advice: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**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.

**Ingestion:** General advice: Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

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

**Ingestion:** May damage fertility or the unborn child.

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

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

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

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**SECTION 5: FIRE – FIGHTING MEASURES**

**(a) Extinguishing Media:**

**Suitable extinguishing media:** Use CO<sub>2</sub>, dry chemical, fire-fighting foam, or water spray or 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:** Thermal decomposition or combustion products may include CO<sub>x</sub>, and NO<sub>x</sub>. High pressure may build up in heated containers.

**(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**

**(a.i) Personal precautions:**

Do not handle until all safety precautions have been read and understood.

No smoking or other sources of ignition near spillage.

Avoid direct contact with spilled material.

Wear all Personal Protection listed in Section 8 before directly contacting spilled material

Ensure there is adequate area ventilation, and avoid excessive inhalation of fumes.

**(a.ii) Protective equipment:**

See Section 8

**(a.iii) Emergency procedures:**

If dangerous conditions exist, contact emergency response personnel, follow emergency procedures, and contact emergency response authorities. Do not let product enter drains. Discharge into the environment must be avoided.

**(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:**

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. Wash hands thoroughly after handling. Avoid release to the environment.

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

Store locked up. Store in original container and keep containers covered and sealed. Store in cool, dry, well-ventilated place.

**Incompatibilities:** Data not available

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **(a) OSHA permissible exposure limit:**

		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
No data available						

### **(b) Appropriate engineering controls:**

**Ventilation requirements:** Adequate ventilation in accordance with good engineering practice must be provided.

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

### **(c) Personal protective equipment:**

**Skin Contact:** Wear protective gloves/protective clothing. Neoprene or nitrile gloves are recommended.

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

Recommended eye protection: safety glasses or goggles, flexible fitting, hooded ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**(b) Odor:** mild, natural drying oil

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

**(d) pH:** 5.6

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

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

**(g) Flashpoint:** 251.6 °F (122 °C) Tag Closed Cup

**(h) Evaporation Rate:** Data not available

**(i) Flammability (solid/ gas):** Not classified as flammable/ Not classified as flammable

**(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):** .79 at 60° F (15° C)

- (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:** 25000 to 35000 cps

**Other properties**

**VOC % (wt):** = 0 (calculated)  
**VOC (lbs./gal):** = 0 (calculated)

**SECTION 10: STABILITY AND REACTIVITY INFORMATION**

- (a) **Reactivity:** Not reactive under normal storage conditions.
- (b) **Chemical stability:** Mixture is chemically stable under normal storage and handling conditions, and under normal temperatures and pressures.
- (c) **Possibility of hazardous reactions:** None under normal use conditions.
- (d) **Conditions to avoid:** Avoid storing in direct sunlight and avoid extremes of temperature, and incompatible materials.
- (e) **Incompatible materials:** Acids, strong oxidizers
- (f) **Hazardous decomposition product:** No data available.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**(a) Likely routes of entry:** Skin contact, eye contact.

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

**Skin contact:** There may be irritation and redness at site of contact.  
**Eye contact:** There may be irritation and redness. Eyes may water profusely.

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

No data available

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

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	Data not available	Data not available	Data not available
1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, methylated	68002-20-0	Data not available	Data not available	Data not available

**(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 (13<sup>th</sup> Report on Carcinogens).  
**OSHA:** Data not available

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## SECTION 12: ECOLOGICAL INFORMATION

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### **(a) Ecotoxicity**

#### **Classification of mixture:**

- Aquatic Hazard, Acute – Category 1
- Aquatic Hazard, Chronic – Category 1

**(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):**

**(a) UN number:** UN3082

**(b) UN Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.

**(c) Transport hazard class:** 9

**(d) Packing Group:** PG III

**(e) Environmental hazards:** Marine Pollutant

### **(f) Transport in bulk**

**MARPOL 73/78:** No data available

**IBC:** No data available.

**(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:** 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):**

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

**Pennsylvania Right to Know:** No data available

**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.