

**Material Safety Data Sheet # 348**  
**For Printing Inks and related Materials**  
**OSHA Hazard Communication Standard, 29 CFR 1910.1200**

Date of preparation: 6/26/06  
 Updated: 7/30/09  
 Supersedes: 8/20/07  
 MSDS #: 348

**I. PRODUCT IDENTIFICATION**

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033  Emergency phone: (323) 264-2200	<b>HMIS HAZARD IDENTIFICATION</b>								
	<table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>0</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	1	Flammability	0	Reactivity	0	Personal Protection	B
Health	1								
Flammability	0								
Reactivity	0								
Personal Protection	B								
<b>Product Class:</b> Aqueous Matte Coating	<b>Manufacturer's code:</b> S - 1872								
<b>Trade Name:</b> WB Coating, Matte AQ-3010-2									

**II COMPOSITION / INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Ammonia Hydroxide	1336-21-6	1-2	OSHA TWA/TLV OSHA PEL	50 ppm 35 mg/m <sup>3</sup>
Isopropyl Alcohol	67-63-0	1-2	ACGIH TWA/TLV	400-500 ppm

**III. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> Inhalation of excessive concentrations of vapors or mists may cause irritation to nose and throat, drowsiness, loss of coordination, headaches and fatigue.
<b>Skin Contact:</b> Avoid skin contact. Prolonged or repeated contact may cause skin irritation.
<b>Eye Contact:</b> Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact.
<b>Ingestion:</b> Do not ingest. One or more components of this product are toxic when swallowed. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, nausea, possible blood disorders, and kidney & liver damage. One or more components of this product is an aspiration hazard and can enter lungs during swallowing or vomiting, and can cause lung damage. See Notes to Physician section below.

**IV. FIRST AID PROCEDURES**

<b>Emergency &amp; First Aid Procedures</b>
<b>Eyes:</b> Immediately flush eyes with large amounts of water and continue flushing for 15 minutes until irritation subsides. Seek medical attention.
<b>Skin:</b> Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.
<b>Inhalation:</b> Remove victim from exposure, if unconscious, remove to fresh air. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. Seek immediate medical attention.
<b>Ingestion:</b> Do not induce vomiting. Seek immediate medical attention.
<b>Notes to Physician:</b> One or more components of this product is an aspiration hazard. Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

### V. FIRE AND EXPLOSION DATA

<b>Flash Point °F:</b> 200 °F	<b>Auto-ignition Temperature °F:</b> N/A
<b>Flammable Limits in Air</b>	<b>Lower Limit:</b> No Data <b>Upper Limit:</b> No Data
<b>Extinguishing Media:</b> This is a water product and is not expected to burn and should be self-extinguishing.	
<b>Special Fire Fighting Procedures:</b> The use of self-contained breathing apparatus is recommended for fire fighters. Water may be used as extinguishing medium.	
<b>Unusual Fire &amp; Explosion Hazard:</b> This material will not burn, the flashpoint is above 200 °F	

### VI. ACCIDENTAL RELEASE

**Steps to be taken in event of spill or release:** Stop and / or contain discharge. Ventilate spill area. Cover with absorbent material. Keep out of waterways.

### VII. HANDLING AND STORAGE

**Handling and Storage:** Store in containers in a cool, well-ventilated area. Do not heat or store above 90 °F (32C). Warm to room temperature before using. Must mix well before using. Product may congeal or stratify (form layers) if cold.

**Other Precautions:** For industrial use only. Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.

### VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Ventilation Requirements:** General mechanical ventilation may be sufficient to keep product vapor concentrations within the specified time-weighted TLV ranges.

#### Personal Protective Equipment

**Respirator:** Respiratory protection is not required under conditions of normal use.

**Skin:** No skin protection is required for single, short duration exposures. For prolonged exposures, use impervious synthetic rubber clothing (boots, gloves, etc.) over parts of the body subject to exposure.

**Eye:** Use approved eye protection to safeguard against potential eye contact, irritation, and injury.

### IX. PHYSICAL AND CHEMICAL DATA

<b>Boiling Range °F:</b> 212	<b>Vapor Density (Air = 1):</b> .800
<b>Relative Density (H<sub>2</sub>O = 1):</b> 1.03.6	<b>Vapor Pressure (mm Hg @ 70°F):</b> N/A
<b>Material Density Lbs./Gal:</b> 8.65	<b>Solubility in Water:</b> Soluble
<b>% VOC by weight:</b> 2.3	<b>pH:</b> 8.0 – 8.7 <b>Evaporation Rate:</b> N/A
<b>VOC: Lbs/Gal:</b> 0.20      max. g/L 23.8	<b>Appearance/Odor:</b> Milky / Liquid Acrylic Odor

### X. STABILITY AND REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Materials to avoid:</b> Contact with strong acids.
<b>Hazardous Polymerization:</b> Will not occur.	<b>Conditions to avoid:</b> None
<b>Hazardous Decomposition Products:</b> None Known	

### XI. TOXICOLOGICAL INFORMATION

**CARCINOGEN:** This product has not been identified as a carcinogen by OSHA or the National Toxicology program (NTP), or the International Agency for Research Cancer (IARC).

**Mutagen:** No Data

**Teratogen:** No Data

**Reproductive Toxicity:** No Data

### XII. ECOLOGICAL INFORMATION

No Data

### XIII. DISPOSAL INFORMATION

**Waste Disposal Method:** If recycling as ink is not possible, material may be incinerated or land filled at a licensed facility in accordance with local, state, and federal regulations.

### XIV. TRANSPORT INFORMATION

**Flammability Classification:** Combustible Liquid  
**OSHA:** Class III B  
**DOT:** Not Regulated  
**IMDG / IATA Hazard Classification:** Non Hazardous  
**IMDG/IATA Shipping Name:** Non Hazardous

### XV. REGULATORY INFORMATION

**SARA Title III Section 313:**

This material contains chemicals subject to the reporting requirements of the Superfund Amendments and Reauthorization ACT (SARA).

Chemical	CAS #	%
Ammonia Hydroxide	1336-21-6	1-2

**TSCA Section 8(b) Inventory Status:**

Ingredients are listed on the TSCA Inventory.

**U.S. State Regulations**

**California Proposition 65:**

This product does not intentionally contain any chemicals known by the state of California to cause cancer and/or reproductive harm. Moreover, Gans Ink and Supply Co., Inc. do not routinely analyze its products for impurities which may be such chemicals.

### XVI 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. make 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. assume 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.

**B**



Safety Glasses  
Gloves