



# SAFETY DATA SHEET

## SECTION 1 - Chemical Product and Company Information

Product Name: AEROSOL WHITE LACQUER SATIN Product Code: AWPL30

Manufactured by:  
**Gemini Coatings**  
 2300 Holloway Drive  
 El Reno, OK 73036  
 800-262-5710

**24- Hour Emergency (Spill, Leak, Exposure or Accident):**  
**INFOTRAC 800-535-5053**  
**Outside USA, Call Collect 1-352-323-3500**

**24- Hour Emergency HAZMAT Response and MSDS Help:**  
**EMI 800-510-8510**

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information).

Not recommended for: Any other use not detailed on product data sheet or label.

## SECTION 2 - Hazards Identification

### GHS Ratings:

Flammable aerosol	1	Flammable aerosol class 1
Gas under pressure	Compressed g	Entirely gaseous at -50°C
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information

### GHS Hazards

H222	Extremely flammable material
H280	Contains gas under pressure; may explode if heated
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P211	Do not spray on an open flame or other ignition source
P251	Pressurized container – Do not pierce or burn, even after use
P264	Wash any exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up
P410+P403	Protect from sunlight. Store in a well ventilated place

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations.

**Signal Word: Danger****SECTION 3 - Composition/Information on Ingredients**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
n-Butyl acetate 123-86-4 30% - 40%	150 ppm TWA; 710 mg/m <sup>3</sup> TWA	150 ppm STEL (listed under Butyl acetates, all isomers) 50 ppm TWA (listed under Butyl acetates, all isomers)	NIOSH: 150 ppm TWA; 710 mg/m <sup>3</sup> TWA 200 ppm STEL; 950 mg/m <sup>3</sup> STEL
Acetone 67-64-1 20% - 30%	1000 ppm TWA; 2400 mg/m <sup>3</sup> TWA	500 ppm STEL 250 ppm TWA	NIOSH: 250 ppm TWA; 590 mg/m <sup>3</sup> TWA
Propane 74-98-6 10% - 20%	1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA	See Appendix F: Minimal Oxygen Content, explosion hazard	NIOSH: 1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA
Titanium dioxide 13463-67-7 5% - 10%	15 mg/m <sup>3</sup> TWA (total dust)	10 mg/m <sup>3</sup> TWA	
Butane 106-97-8 5% - 10%		1000 ppm STEL (explosion hazard, listed under Butane, isomers)	NIOSH: 800 ppm TWA; 1900 mg/m <sup>3</sup> TWA
Nitrocellulose 9004-70-0 1% - 5%			
Isopropyl alcohol 67-63-0 1% - 5%	400 ppm TWA; 980 mg/m <sup>3</sup> TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400 ppm TWA; 980 mg/m <sup>3</sup> TWA 500 ppm STEL; 1225 mg/m <sup>3</sup> STEL
DOA PLASTICIZER 103-23-1 1% - 5%			

**SECTION 4 - First Aid Measures****Inhalation:**

Remove exposed individual to fresh air and assist breathing if necessary. Seek medical attention.

**Eye Contact:**

Flush eyes with lukewarm water for 15 minutes. Seek medical attention immediately.

**Skin:**

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

**Ingestion:**Rinse mouth out immediately. Drink 1 or 2 glasses of water to dilute. **DO NOT** induce vomiting. Contact physician or poison control center immediately.

## SECTION 5 - Fire Fighting Measures

Alcohol Foam, CO2, Dry Chemical

Do not puncture or incinerate container. Exposure to heat or prolonged exposure to sun may cause container to burst. Do not expose to heat or store at temperatures above 120 degrees F. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electrical motors or static discharge distant from handling pot.

Burning may produce oxides of nitrogen and carbon.

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

## SECTION 6 - Accidental Release Measures

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

## SECTION 7- Handling and Storage

### Handling:

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazardous precautions given in this sheet must be observed.

### Storage:

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas.

## SECTION 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
n-Butyl acetate 123-86-4	150 ppm TWA; 710 mg/m <sup>3</sup> TWA	150 ppm STEL (listed under Butyl acetates, all isomers) 50 ppm TWA (listed under Butyl acetates, all isomers)	NIOSH: 150 ppm TWA; 710 mg/m <sup>3</sup> TWA 200 ppm STEL; 950 mg/m <sup>3</sup> STEL
Acetone 67-64-1	1000 ppm TWA; 2400 mg/m <sup>3</sup> TWA	500 ppm STEL 250 ppm TWA	NIOSH: 250 ppm TWA; 590 mg/m <sup>3</sup> TWA
Propane 74-98-6	1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA	See Appendix F: Minimal Oxygen Content, explosion hazard	NIOSH: 1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA
Titanium dioxide 13463-67-7	15 mg/m <sup>3</sup> TWA (total dust)	10 mg/m <sup>3</sup> TWA	
Butane 106-97-8		1000 ppm STEL (explosion hazard, listed under Butane, isomers)	NIOSH: 800 ppm TWA; 1900 mg/m <sup>3</sup> TWA
Nitrocellulose 9004-70-0			
Isopropyl alcohol 67-63-0	400 ppm TWA; 980 mg/m <sup>3</sup> TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400 ppm TWA; 980 mg/m <sup>3</sup> TWA 500 ppm STEL; 1225 mg/m <sup>3</sup> STEL
DOA PLASTICIZER 103-23-1			

Use local exhaust as required to control vapor concentrations.

Avoid prolonged or repeated breathing of vapors.

**Respiratory Protection:**

If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

**Skin Protection:**

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

**Eye Protection:**

Wear splash proof goggles and face shield if there is a likelihood of contact with eyes.

**Hygienic Practices**

Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

**SECTION 9 - Physical and Chemical Properties**

<p><b>Vapor Density</b> Heavier Than Air</p> <p><b>Boiling range:</b> 34 - 3000°C</p> <p><b>Freezing point:</b> N/A</p> <p><b>Flammability:</b> N/A</p> <p><b>Autoignition temperature:</b> 170°C</p> <p><b>Relative Density:</b> N/A</p> <p><b>Odor threshold:</b> N/A</p> <p><b>SPECIFIC GRAVITY</b> 0.8136</p> <p><b>Partition coefficient (n-octanol/water):</b> N/A</p> <p><b>Grams VOC less water:</b> N/A</p> <p><b>% WT. VOLATILE (VOC)</b> 59.2660</p> <p><b>Lbs VOC/Gallon Solids</b> 48.2727</p> <p><b>SOLIDS VOL%</b> 8.3181</p> <p><b>SPREAD @ 1 MIL</b> 133.4224</p> <p><b>Appearance</b> Sprayed Liquid Aerosol</p> <p><b>Physical State</b> Liquid Aerosol</p> <p><b>Coating VOC (g/l)</b> 615.3454</p> <p><b>Coating VOC (Lb/Gl)</b> 5.1352</p>	<p><b>Evaporation Rate</b> Faster than Butyl Acetate</p> <p><b>Melting point:</b> N/A</p> <p><b>Flash point:</b> -139°F,-95°C</p> <p><b>Explosive Limits:</b> N/A</p> <p><b>Decomposition temperature:</b> N/A</p> <p><b>Vapor Pressure</b> N/A</p> <p><b>pH:</b> N/A</p> <p><b>Solubility:</b> N/A</p> <p><b>Viscosity:</b> N/A</p> <p><b>% VOLUME VOLATILE (VOC)</b> 69.8757</p> <p><b>% Pig. by wt.</b> 9.8281</p> <p><b>VOLATILE WT%</b> 80.5802</p> <p><b>DENSITY (Lb/Gal)</b> 6.7752</p> <p><b>HAPS (lbs/gl)</b> 0.0010</p> <p><b>Odor</b> N/A</p> <p><b>Material VOC (g/l)</b> 481.1621</p> <p><b>Material VOC (Lb/GI)</b> 4.0154</p>
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**SECTION 10 - Stability and Reactivity**

**Stability:** Stable under normal conditions.

**Materials to Avoid:** Strong oxidizing agents, strong alkalines, strong mineral acids.

**Conditions to avoid:** high heat, sparks, flames, static discharge.

**Hazardous Decomposition:** Oxidation may produce carbon and nitrogen oxides.

Hazardous polymerization will not occur.

**SECTION 11 - Toxicological Information**

**Mixture Toxicity**

Inhalation Toxicity LC50: 180mg/L

### Component Toxicity

67-63-0

Isopropyl alcohol

Oral LD50: 1,870 mg/kg (Rat) Dermal LD50: 4,059 mg/kg (Rabbit)

**Primary Routes of Entry:** Inhalation, Skin Contact, Eyes, Ingestion

#### Skin:

Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermatitis.

#### Ingestion:

Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.

#### Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

#### Eyes:

Can cause irritation, redness, tearing and blurred vision.

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
106-97-8	Butane	5% - 10%	Butane: EU REACH: Present (C) (containing >=0.1% Butadiene)
13463-67-7	Titanium dioxide	5% - 10%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

## SECTION 12 - Ecological Information

### Ecological Information:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

### Component Ecotoxicity

n-Butyl acetate	LC50 96 h Lepomis macrochirus 100 mg/L [static] (EPA); LC50 96 h Pimephales promelas 17 - 19 mg/L [flow-through] (EPA) EC50 72 h Desmodemus subspicatus 674.7 mg/L (IUCLID)
Acetone	LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L (EPA); LC50 96 h Pimephales promelas 6210 - 8120 mg/L [static] (IUCLID); LC50 96 h Lepomis macrochirus 8300 mg/L (EPA) EC50 48 h Daphnia magna 10294 - 17704 mg/L [Static] (EPA); EC50 48 h Daphnia magna 12600 - 12700 mg/L (IUCLID)
Isopropyl alcohol	LC50 96 h Pimephales promelas 9640 mg/L [flow-through] (IUCLID); LC50 96 h Pimephales promelas 11130 mg/L [static] (IUCLID); LC50 96 h Lepomis macrochirus >1400000 µg/L (EPA) EC50 48 h Daphnia magna 13299 mg/L (IUCLID) EC50 96 h Desmodemus subspicatus >1000 mg/L (IUCLID); EC50 72 h Desmodemus subspicatus >1000 mg/L (IUCLID)
DOA PLASTICIZER	LC50 96 h Lepomis macrochirus 0.48 - 0.85 mg/L [static] (EPA); LC50 96 h Oncorhynchus mykiss 0.48 - 0.85 mg/L [static] (EPA); LC50 96 h Pimephales promelas 0.48 - 0.85 mg/L [static] (EPA) EC50 48 h Daphnia magna >1.6 mg/L (IUCLID) EC50 72 h Desmodemus subspicatus >500 mg/L (IUCLID)

## SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state

and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

#### SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	AEROSOL FLAMABLE	1950		2.1

**Freight Class: 70**

#### SECTION 15 - Regulatory Information

##### **California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):**

This product contains the following listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

13463-67-7 Titanium dioxide

##### **The following ingredients are listed in the TSCA Section 8(b) Inventory (Hydrated forms of chemical substances are exempt from the inventory as mixtures; the anhydrous chemical substances, however, are reportable for the inventory):**

103-23-1 DOA PLASTICIZER  
67-63-0 Isopropyl alcohol  
9004-70-0 Nitrocellulose  
106-97-8 Butane  
13463-67-7 Titanium dioxide  
74-98-6 Propane  
67-64-1 Acetone  
123-86-4 n-Butyl acetate

##### **US CAA Section 112 Hazardous Air Pollutants (HAPs) List**

- None

##### **US EPCRA (SARA Title III) Section 313 - Toxic Chemical:**

67-63-0 Isopropyl alcohol

#### SECTION 16 - Disclaimer

Date Prepared: 6/26/2019

Date revised: 2019-06-26

Reviewer Revision

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