

Material Safety Data Sheet**Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION***Identification:*

Product Name: Staticide Premium ESD Paint - White
 Product Number: # 5700WQ, 5700W1, 5700W5

Recommend use:

Water-Based polyurethane paint for static control on interior concrete floors

Manufacturer:

ACL Incorporated
 840 W 49th Place
 Chicago, Il 60609
 PH: (01) 847.981.9212 [U.S.A.]
 FAX: (01) 847.981.9278 [U.S.A.]

Emergency telephone:

INFOTRAC: (01) 800.535.5053 (day or night)

Section 2. HAZARDOUS IDENTIFICATION

HMIS HAZARD RATING: (2) Health (1) Flammability (0) Reactivity

Potential Health Effects:

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation. Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material.

Eyes: This material may cause eye irritation.

Skin: Prolonged and repeated contact with skin can cause defatting and drying of the skin, which may result in skin irritation and dermatitis. Contact may result in skin absorption, but symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to effects of this material.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

Chronic Effects: This product contains small amounts of organic solvent(s) and reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S. Number	EINECS	Weight %	EU Class
1-Methyl-2-Pyrrolidinone	872-50-4	212-828-1	4 - 7	Xi, R36/37/38, R61
Dipropylene Glycol Butoxy Ether	29911-28-2	249-951-5	4-7	Not classified
Tin Oxide	18282-10-5	242-159-0	*	Not classified
Titanium Dioxide	13463-67-7	236-675-5	*	Not classified
Water and other non-hazardous substances	Mixture		Balance	Not classified

*Value and hazard are for particulate (nuisance) dust which is not present in form supplied

Section 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Hold eyelids open during the water flushing. **Get medical attention!**

Skin Contact: Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder before re-use.

Ingestion: Do not induce vomiting. Keep person warm and quiet. **Obtain immediate medical assistance** to determine best emergency treatment. Never give anything by mouth to an unconscious person.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. **Get immediate medical attention.**

Section 5	FIRE FIGHTING MEASURES
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Flash Point & Method: None

Extinguishing Media: Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame to prevent pressure build-up. Avoid spreading burning liquid with water used for cooling purposes.

Fire Fighting Equipment: Wear self-contained breathing apparatus with full-face piece operated in the positive pressure demand mode when fighting fires.

Special Fire Fighting Procedures: During emergency conditions, decomposition products may cause health hazard. (See reactivity data) Evacuate area of unprotected personnel.

Unusual Fire and Explosion Hazards: This material will not support combustion unless the water has evaporated. Material can splatter above 212° F

Section 6	ACCIDENTAL RELEASE MEASURES
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FOR SMALL SPILLS Use absorbent material, placing the contained material in an approved salvage container.

FOR LARGE SPILLS Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Maintain adequate ventilation. Shut off source of leak or spill if safe to do so. Dike area of spill to prevent spreading and pump liquid to salvage container. Remaining liquid may be taken up with absorbent material. Place contained material in approved salvage container with non-sparking tools. Prevent run-off to sewer, streams or other bodies of water.

Section 7	HANDLING AND STORAGE
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Handling: Wash hands before eating, smoking, or using the restroom. Eat only in designated areas. Smoke only in approved designated areas.

Storage Temperatures: Keep from freezing. Store in a cool place in original container and protect from sunlight.

Storage Pressure: Store at local atmospheric pressure.

General: Observe good housekeeping practices. Follow all MSD sheet and label warnings even after container is emptied.

Keep from freezing. Use with adequate ventilation. Avoid prolonged or repeated breathing of vapors. Keep containers tightly closed when not in use, and protect from moisture and foreign materials. Never use pressure to empty the container. The container is not a pressure vessel.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
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OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)		
Chemical Name	Exposure Limits	
	OSHA PEL	ACGIH TLV
1-Methyl-2-Pyrrolidinone	NE	NE
Dipropylene Glycol Butoxy Ether	NE	NE
Tin Oxide	2 mg/m ³	2 mg/m ³
Titanium Dioxide	15 mg/m ³	10 mg/m ³

Engineering Controls: Provide sufficient mechanical (general and/or local) ventilation to maintain exposure below TLV(s)

Personal Protection:

Respirator If workplace limit(s) of product or any component is exceeded (see Section II), use appropriate properly fitted NIOSH/MSHA approved respirator in absence of proper environmental control (see you safety equipment supplier for proper respirator). Respiratory protection program must be in accordance with OSHA Standard 29 CFR1910.134. Engineering and administrative controls should be implemented to reduce exposure.

Hand Protection Use of chemical resistant, wear resistant gloves is advised to avoid contact with the product.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also may permit the use of other types of safety glasses (consult your safety equipment supplier).

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
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Boiling Point: 171 – 444 / F
 Evaporation rate: Slower than ether
 Odor: Solvent
 Visual appearance: White
 Vapor Density: Heavier than air
 VOC Range: < 2.5 lbs/gallon

Coverage: 250 sq ft / gal @ 2 mils
 Freezing Point: 0°C / 32°F
 Percent Volatile by volume: 68 – 70
 Surface Resistivity: 10E6 – 10E9 ohms per square
 Viscosity @ 77F / 25C: 90-150 seconds
 Weight per gallon: 9 – 10 lbs

Section 10	STABILITY AND REACTIVITY
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General: Stable. Polymerization will not occur.

Incompatible Materials and Conditions to Avoid: Avoid contact with strong oxidizing agents, acids, or bases, or reactive metals such as aluminum or magnesium.

Hazardous Decomposition: Normal combustion products including carbon monoxide, carbon dioxide, and oxides of nitrogen.

Section 11	TOXICOLOGY INFORMATION
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Carcinogenicity: This product does not contain a substance listed by ACGIH, IARC, NTP, or CA Prop 65.

Mutagenicity: Not established

Reproductive toxicity / teratogenic effects: None Expected.

1-Methyl-2-pyrrolidinone is nvestigated as a mutagen, tumorigen and reproductive effector.

LD₅₀ Rabbit (oral) 3914 mg/kg (1-Methyl-2-pyrrolidinone)

LD₅₀ Rabbit (skin) 8 gm/kg (1-Methyl-2-pyrrolidinone)

Section 12	ECOLOGICAL INFORMATION
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The LC₅₀ 96-hour values for fish are over 100 mg/l (1-Methyl-2-pyrrolidinone)

Section 13	DISPOSAL CONSIDERATIONS
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RCRA 40 CFR 261 Classifications:

As packaged and after use, it does not meet the criteria of a hazardous waste as defied under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ.

Ensure proper disposal compliance with proper authorities before disposal.

Section 14	TRANSPORTATION INFORMATION
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U.S. DOT Information

Proper Shipping Name: Non Hazardous Material
Hazard Class: NA

IATA

Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

Section 15	REGULATORY INFORMATION
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MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117.302:

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355): None of the chemicals are Section 302 hazards

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFR 372): This product does not contain chemicals (at level of 1% or greater) found on the 313 list of Toxic Chemicals.

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13 for RCRA classification.

STATE REGULATIONS:

California Proposition 65: This product does not contain a substance on prop 65.

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Sections 16	OTHER INFORMATION
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REVISION DATES, SECTIONS, REVISED BY:

17-Sept-09,	Original release date, mkb
29-Sep-09	Update section 9, mkb
4-Dec-09	Revised section 2, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
The Environmental Protection Agency (www.epa.gov)
ANSI Standard: ANSI Z400.1-1998
Merck Index

To the best of our knowledge, the information contained herein is accurate. **However, neither ACL STATICIDE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.** Final

determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.