

Material Safety Data Sheet

A404

Manufacturer: Adurel International Inc
Address: 820 Water St Racine WI 53403
Phone #: 800-560-5834
MSDS Number: A404
CAS Number:
DATE: 1/1/05
Emergency Phone #: 262-770-0845

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Section I: Material Identification

Components – Chemical Name & Common Names
 (Hazardous Components 1% or greater: Carcinogens 0.1% or greater)

Chemical Name (common name)	CAS #	%	OSHA PEL (PPM)	ACGIH TLV (PPM)	Other Limits
Ammonia		<1	NA	25	
Aqueous Polyurethane		<10	NA	NA	
Propylene Glycol	57-55-6	.02		L2.5 U12.5	
Texanol	25265-77-4	.04			
TiO2	13463-67-7	.6-.15			
Calcium Carbonate	1317-65-2	20-30			
Fungicide		.0002			

Section II: Physical and Chemical Characteristics

- 1) **Boiling Point:** 225°F
- 2) **Specific Gravity:** (Water = 1) 1.05
- 3) **Vapor Pressure:** <1 mm Hg at 20°C
- 4) **Melting Point:** N/A
- 5) **Vapor Density:** <1
- 6) **Evaporation Rate:** N/A
- 7) **Solubility in Water:** Soluble
- 8) **Water Reactive:** Non-Reactive
- 9) **Appearance and Color:** White Coating
- 10) **Maximum V.O.C.:** 2.06 lbs./ gallon

Section III: Fire and Explosion Data

- 1) **Flash Point:** N/A
- 2) **Auto Ignition:** N/A
- 3) **Flammability Limits in Air:** N/A
- 4) **Extinguishing Media:** Use Extinguishing media appropriate for surrounding fire. After water evaporates, remaining material will burn; use CO2, dry chemical or foam fire protection association Class B extinguisher.
- 5) **Special protective equipment:** Use full protective clothing and self-contained breathing apparatus.
- 6) **Unusual Fire and explosion Hazards:** None

Section IV: Reactivity Data

- 1) **Stability:** Stable
- 2) **Conditions to Avoid:** Freezing
- 3) **Incompatibility:** N/A
- 4) **Hazardous Decomposition:** Thermal Decompositions: Oxides of carbon, nitrogen, cyanide gas, acrylic monomers.
- 5) **Hazardous Polymerization:** Will not occur

Section V: Health Hazard Data

1) Health risks and symptoms of exposure

- a. **Inhalation:** Short term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may cause overexposure symptoms, such as headache, nausea and irritation of nose and throat.
- b. **Skin Absorption:** Exposure causes skin irritation. Prolonged or repeated exposure may dry skin. Symptoms may include dryness, cracking, burning, and redness.
- c. **Ingestion:** Smaller amounts of this product during normal use is not likely to cause any adverse health effects. Larger amounts can result in corrosive action in the mouth, stomach tissue, and digestive tract.

2) Potential Health Effects:

- a. **Acute:** No severe health hazards are known to be associated with use of this product.
- b. **Chronic:** Common irritation symptoms include headache, nausea while nose and throat irritation by occur with overexposure.

3) Carcinogen Listed: None

5) Signs and Symptoms of Exposure: Redness and irritation.

6) Medical Conditions Aggravated by Exposure: Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this product: Shin, Lungs (for example asthma-like conditions)

7) Emergency First Aid Procedures:

- a. Flush at once with large amounts water and get medical attention.
- b. Remove victim from overexposure to well ventilated area.
- c. **In case of ingestion:** Do not induce vomiting. Seek medical attention immediately.

Section IV: Protection and Control Procedures

1) Respiratory Protection: (Specify type): N/A

2) Protective Gloves: Wear protective gloves if skin sensitive.

3) Eye Protection: Safety glasses or chemical goggles

4) Ventilation: None

Section VII: Precautions for Safe Handling and Use/ Leaks

1) Steps to be taken if spilled: Confine in small area. Use inert absorbent to contain. (e.g. sand, earth)

2) Waste Disposal: Dispose of in accordance with all federal, state, and local environmental regulations.

3) Environmental Impact: none

4) Precautions for Handling and Storage: Store between 41F and 120F

Section VIII: Transport Information

DOT Hazard Class NH