



Polyurea Sealer

Material Safety Data Sheet

Section 1: Product & Company Information

Product Name: Polyurea Sealer
Manufacturer: SureCrete Design Products

Address: SureCrete Design Products
15246 Citrus Country Drive
Dade City, FL 33523

Emergency Phone: 1-800-544-8488
CHEMTREC: 1-800-424-9300

Service Used: Polyurea Cementitious Sealer
Application: Finishing Aid

Section 2: Ingredient Information

- n-Methyl Pyrrolidinone (nMP) CAS# 872-50-4; exposure limits not established

Section 3: Physical/ Chemical Characteristics

Boiling Point: 212°F	Specific Gravity (H₂O = 1): 1.07
pH: 7.5 – 9.5	Volatile by weight= approx. 65%
Vapor Density (Air = 1) : 3.4	Evaporation Rate: 0.8 (when n-Butyl acetate = 1.0)
Solubility in Water: disperses	Appearance and Odor: Clear liquid w/ slight solvent odor

Section 4: Fire and Explosion Hazard Data

Flash Point: not applicable	Flammable Limits	LEL: 2.2% NMP	UEL: 12.2% NMP
Extinguishing Media: Foam, CO ₂ , Dry chemical, water			
Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus required. During fire irritating, toxic gases and smoke are present from decomposition/combustion			
Unusual Fire and Explosion Hazard: Closed containers may explode when exposed to extreme heat. Solid residue will support combustion after the water has evaporated.			

Section 5: Reactivity Data

Stability: stable	Conditions To Avoid: temperatures below 32°F
Incompatibility (Materials to Avoid): Strong oxidizers, reducing agents	
Hazardous Decomposition or Byproducts: oxides of carbon & nitrogen	
Hazardous Polymerization: Will not occur	

Section 6: Health Hazard Data			
Route(s) of Entry:	Inhalation	Skin and Eye Contact	Ingestion
Health Hazards (Acute and Chronic): Vapors may cause irritation to the eye, nose, and throat. Very high exposure may cause headache, nausea, narcosis, fatigue, and loss of appetite. Prolonged exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage.			
Carcinogenicity: not listed or regulated			
Medical Conditions Generally Aggravated by Exposure: Persons with preexisting eye, skin, and respiratory tract disorders may be more susceptible to effects of this product.			
Emergency and First Aid Procedures			
Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention immediately	Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.	Eye Contact: Rinse with running water for 15 mins. - hold eyelids apart while irrigating. If irritation persists obtain medical attention.	Ingestion: Do not induce vomiting. If spontaneous vomiting occurs, keep victims head below knees. Get medical attention immediately.

Section 7: Precautions for Safe Handling and Use
Steps to Be Taken if Material is Released or Spilled: Remove all potential sources of ignition. Ventilate the area. Confine spill & reclaim as much product as possible with absorbent inert material. Dike or impound spilled material and control further spillage. Cover with absorbent material, collect and move to safe place. Flush spill area with water.
Waste Disposal Method: Dispose of in accordance with applicable federal, state, and local regulations.
Precautions to Be Taken in Handling and Storage: Protect from freezing. Containers should be tightly sealed to prevent contamination.
Other Precautions: Store in original containers, between 41 °F - 120°F. Shelf life approximately 6 months.

Section 8: Control Measures			
Respiratory Protection: NIOSH approved respirator in enclosed area or when threshold levels are met. When concentrations are unknown or when in confined poorly ventilated area use positive pressure supplied air respirator.			
Ventilation			
Local Exhaust: Recommended	Mechanical (General): Recommended	Special: None known	Other: None
Protective Gloves: Chemical Resistant Gloves		Eye Protection: Safety goggles or face shield	
Other Protective Clothing or Equipment: Eyewash station / rubber apron			
Work / Hygienic Practices: Normal good housekeeping practice			

Section 9: Transportation Information		
DOT:		
Proper Shipping Name: Aqueous Polyurethane Dispersion.	Hazard Class: Non-regulated	Packing Group: Chemicals NOI