



# MATERIAL SAFETY DATA SHEET

HMIS  
H = 2  
F = 1  
R = 1  
PPE = See Section 8

## Section I

**Manufacturer:** Siplast, an Icopal Group Company  
(800) 643-1591 or (800) 922-8800  
**Address:** 1000 E. Rochelle Blvd., Irving, TX 75062-3940  
**Emergency Phone No.:** CHEMTREC, (800) 424-9300 (U.S.), (703) 527-3887 (outside of U.S.)  
**Product Class:** Liquid-applied Waterproofing System - Component  
**Trade Name:** Pro Thixo

## Section II - Ingredients

Ingredient	Percent	ACGIH TLV	OSHA PEL TWA
Modified urea CAS #confidential	45 - 50	N/A	N/A
N-Methyl-2-pyrrolidone CAS #872-50-4	45 - 50	N/A	N/A
Lithium chloride CAS #7447-41-8	1 - 5	N/A	N/A

## Section III - Physical Data

Physical Form: Liquid  
Color: Yellowish  
Odor: None  
Vapor Pressure: < 1 hPa  
Viscosity: Efflux time approx. 30 sec @ 20°C  
(DIN beaker, 6 mm opening)  
Density: Approx. 1.13 g/ml @ 20°C  
Solubility in H<sub>2</sub>O: Insoluble

## Section IV - Fire and Explosion Data

DOT Category: Not Regulated  
Flash Point: 196°F (91°C - N-methyl-2-pyrrolidone)  
Explosive Limits: Upper: 9.5 %; Lower: 1.3 %  
(by volume)  
Ignition Temperature: 473°F (245°C)  
Extinguishing Media: Foam, carbon dioxide, or high pressure water spray. Use water spray only to cool containers in fire area.  
Special Fire-Fighting Procedures: Use self-contained breathing apparatus and full protective clothing.

## Section V - Health Hazard Data

Summary of Risks: This product is harmful when inhaled or ingested and can cause skin, eye, and respiratory irritation. Inhalation of vapors may lead to headache, drowsiness, and dizziness.  
Target Organs: Skin and eye contact with liquids, inhalation, and ingestion.

### Effects of Overexposure:

This product contains:  
N-Methyl-2-pyrrolidone, which may cause severe skin and eye irritation. Inhalation of vapors may lead to headache, drowsiness, and dizziness. RTECS lists animal studies showing adverse reproductive effects on injection.

Lithium chloride, which is a skin and eye irritant. Ingestion of large amounts may cause diarrhea and vomiting as well as blurred vision and general weakness.

LD<sub>50</sub> oral, rat for N-methyl-2-pyrrolidone: 3914 mg/kg

Carcinogenicity:  
NTP: No  
IARC: No  
OSHA: No

**Emergency and First Aid Procedures:**

**SKIN:** Remove contaminated clothing and shoes. Wash with soap or mild detergent and large amounts of water. Do not use solvents or thinners. Get medical attention if irritation occurs. Wash clothing before reuse.

**EYES:** Hold eyes open and flush for at least 15 minutes with large amounts of water. Seek medical attention.

**INGESTION:** Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Consult physician immediately.

**INHALATION:** Remove to fresh air immediately. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Consult physician if irritation of respiratory passage occurs.

**Section VI - Reactivity Data**

Stability: Stable  X  Unstable \_\_\_\_\_  
Conditions to Avoid: Avoid strong acids, bases, and oxidizing agents.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen, hydrocarbon by-products, and hydrogen chloride.  
Hazardous Polymerization:  
May occur \_\_\_\_\_ Will not occur  X

**Section VII - Spill or Leak Procedures**

**Steps to be Taken:** Wearing appropriate personal protective equipment, contain spills onto inert absorbent and place in suitable containers.  
**Waste Disposal Method:** Incinerate or dispose of in accordance with Federal, State, or Local regulations.  
**Waste Management:** Avoid contamination of ground water or waterways.

**Section VIII - Special Protection Information**

**Engineering Controls:** Use local exhaust ventilation or respiratory protection to maintain employee exposure below TLV.  
**Protection Clothing/Equipment:**  
**Skin Protection:** Clothing suitable to prevent skin contact; butyl rubber gloves.  
**Eye Protection:** Safety goggles with side shields.  
**Respiratory:** If airborne concentration poses a health hazard, becomes irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134.

**Section IX - Special Precautions**

**Handling Precautions:** Do not smoke. Keep away from open fire, flame, or any ignition source. Vapors may form explosive mixtures with air. Avoid skin and eye contact. Avoid breathing fumes. Do not eat, drink, or smoke in application area.  
**Storage Requirements:** Store closed containers in cool, dry area away from heat, direct sunlight, oxidizing agents, and strong acids and alkalis. Keep away from open fire, flame, or any ignition source. Keep in well-ventilated areas.

All components of this product are on the TSCA Inventory.

The information and recommendations contained herein are, to the best of Siplast's knowledge and belief, accurate and reliable as of the date issued. Siplast does not warrant or guarantee their accuracy or reliability, and should not be liable for any loss or damage arising out of the use thereof. User should satisfy himself that he has all current data relevant to his particular use.