



MATERIAL SAFETY DATA SHEET

HMIS
H = 2
F = 3
R = 1
PPE = See Section 8

VOC: Max. content less than 50 g/L
(catalyzed)

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 Repair Mortar Resin

Section II - Ingredients

Ingredient	NTP/IRAC OSHA CARC.	Percent	ACGIH TLV	OSHA PEL TWA
Methyl Methacrylate CAS #80-62-6	No	70 - 75	50 ppm	100 ppm
2-Ethylhexyl Acrylate CAS #103-11-7	No	10 - 15	10 ppm	Not Available
1.1'-(p-Tolylimino)dipropan-2-ol	No	1 - 5	Not Available	Not Available

Section III - Physical Data

Appearance & Odor: Liquid, colorless, clear
Odor Threshold: Smell of Methylmethacrylate
Vapor Pressure: 47 hPa
Density: Approximately 0,96 g/cm³
Solubility in H₂O: Insoluble
Boiling Point: Approximately 212°F (100°C)
Viscosity: Efflux time approximately 9 -11 sec (DIN cup 4 mm 20°C)

Section IV - Fire and Explosion Data

DOT Category: UN1263
Flash Point: >50°F (10°C)
Hazard Class: 3
Packaging Group: II
Label: Flammable Liquid
Autoignition Temperature: 536°F (280°C)
LEL %: 1.7 UEL %: 8.2 (for methyl Methacrylate)
Suitable Extinguishing Media: Carbon dioxide; foam water spray jet
Extinguishing media that must be used for safety reasons: Full water jet

Unusual Fire or Explosion Hazards: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, and smoke.

Fire-Fighting Instructions: In case of fire, wear respiratory protection. Use self-contained breathing apparatus.

Section V - Health Hazard Data

EMERGENCY AND HAZARDS OVERVIEW:
ROUTES OF ENTRY: Inhalation, skin, and eye contact.
Human Effects and Symptoms of Overexposure:
WARNING! FLAMMABLE.
Harmful if inhaled, swallowed, or absorbed through the skin. Causes skin, eye, and respiratory irritation. May cause skin and respiratory sensitization.
This product contains:
Methyl methacrylate and 2-ethylhexyl acrylate cause skin, eye, and respiratory irritation. High concentrations can cause symptoms of central nervous system depression, such as headache, nausea, dizziness, drowsiness, and confusion.

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Both acrylates can cause dermal and respiratory sensitization. Once a person is sensitized, contact with even a small amount may cause outbreaks of dermatitis with symptoms such as skin redness, itching, rash, and swelling. This can spread from the hands or arms to other parts of the body. Persons with respiratory sensitization can experience symptoms of bronchial asthma such as wheezing, difficult breathing, sneezing and runny or blocked nose at low airborne concentrations that have no effect on unsensitized people. IARC has classified 2-ethylhexyl acrylate as class 3, not classifiable as to its carcinogenicity to humans.

Various acrylates, which may cause skin, eye, and respiratory irritation and sensitization.

1,1'-(p-Tolylimino)-dipropan-2-ol which is toxic when ingested or inhaled.

1-Isopropyl-2,2dimethyltrimethylenediisobutyrate, which according to the manufacturer, may cause skin irritation.

Titanium dioxide, may cause mechanical irritation to the eye and respiratory passages and has ACGIH and OSHA exposure limits. However, this product is sold as a liquid preparation and, when used as intended, does not generate dust. Thus the product as such does not pose a respiration hazard attributable to these components. IARC has classified titanium dioxide as class 3, not classifiable as to its carcinogenicity to humans.

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.
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.

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

Section VI - Reactivity Data

Stability: Stable
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen, hydrocarbon by-products, and black smoke.
Polymerization: Avoid high temperatures. Product may polymerize at > 140°F (60°C). Polymerization is exothermic and may cause container damage and/or fire.

Materials to Avoid: Avoid strong acids, bases, and oxidizing agents to avoid exothermic reactions. Avoid initiators that produce free radicals, and avoid peroxides and metal-ions.

Section VII - Spill or Leak Procedures

Personal precautions: Use personal protective clothing. Keep away from sources of ignition and keep air circulating in the room.

Environmental precautions: Do not allow spilt product to enter soil or waterways. Do not allow to enter drains. At pollution of rivers, lake, or drainages, the authorities in charge have to be informed according to the local legislation.

Methods for cleaning up/taking up:
Pick up mechanically. Soak up spilled material with sawdust, sand, or a chemical binder, then fill in a tightly closing container and dispose of by combustion in a combustion plant approved by authorities. Clean contaminated floors and objects thoroughly, observing environmental regulations. When picked up, treat material as prescribed under heading "Disposal."

Section VIII - Special Protection Information

Protection Clothing/Equipment:

Gloves: Chemical resistant gloves. Appropriate Material - nitrile.

Goggles: Tightly fitting safety glasses.

Respiratory: In interiors and during exceeding of the air limit values, carrying of protective masks is absolutely necessary.

Skin: Clothing as usual in the chemical industry.

General protective and hygiene measures: Do not eat, drink, or smoke during work time. Storage of foodstuffs in workrooms is forbidden. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Observe the usual precautions when handling chemicals. Avoid contact with eyes and skin.

Section IX - Special Precautions

Handling:

Safe Handling: Provide good ventilation when handling large quantities.

Protection against fire and explosion: Emergency cooling must be provided for the eventuality of a fire in the vicinity. Do not smoke. Vapors can form an explosive mixture with air.

Storage:

Requirements for storage rooms and vessels: Prevent penetration into the ground.

Hints on storage assembly: Do not store together with: Oxidizing agents or Peroxides.

Further information on storage conditions: Keep container tightly closed; open and handle with care. Keep container dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

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.