

MATERIAL SAFETY DATA SHEET

Thoro System Products

Thoropatch Liquid

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Brand Name Thoropatch Liquid
Common Name Thoropatch Liquid
Formula Mixture
Molecular Weight. N/A
Product Use Acrylic Admixture

MANUFACTURER

ChemRex Inc.
Commercial Construction Products
889 Valley Park Drive
Shakopee, MN 55379
Telephone 612/496-6000

EMERGENCY TELEPHONE NUMBER

CHEMTREC
800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	CAS Number	%	ACGIH TLV	STEL	OSHA PEL
Ammonia	7664-41-7	<1	25 ppm	35 ppm	50 ppm
Acrylic Polymer in Aqueous Emulsion	Proprietary	20 - 30	NE		NE

Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications. gt=greater than; lt=less than, ca=approximately, NE=not established, C=ceiling

3. PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance. Milky white liquid
Odor Mild ammonia odor
pH 9.2 - 10
Vapor Pressure (mm Hg) 17 (water)
Vapor Density (Air=1) >1
Boiling Point No data available - about 212^o F for water
Solubility in Water. Soluble
Specific Gravity (H₂O=1). About 1.01
% Volatile by Volume About 86 (water)

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
Upper Explosive Limit: NA
Lower Explosive Limit: NA

INGESTION

A single dose of this product is practically non-toxic by ingestion. Based on acute toxicity studies for a number of compositionally similar acrylic emulsions the typical oral LD50 is greater than 5 grams per kg of body weight (rats).

OTHER EFFECTS OF OVEREXPOSURE

None

EMERGENCY AND FIRST AID PROCEDURES

INHALATION

Remove victim to fresh air. If breathing is difficult, administer oxygen. Consult a physician.

INGESTION

Give one (1) or two (2) glasses of water to drink and seek medical attention.

EYE CONTACT

Flush with water for at least 15 minutes. Obtain medical attention. Consult medical personnel.

SKIN CONTACT

Wash with soap. Flush with water for at least 15 minutes.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Keep unnecessary people away. Follow personal protection procedures when cleaning spills. Dike and contain spill with inert material. Transfer liquid to containers for recovery and disposal. Transfer solid diking/absorbent to separate containers for disposal. Keep runoff and spills out of sewers and bodies of water. Caution: Spill area may be slippery. Use caution to avoid falls.

WASTE DISPOSAL METHOD

Discarded product is a non-hazardous waste under RCRA criteria (40 CFR, part 261). However, even small amounts of emulsion will discolor bodies of water. Reuse contaminated material if possible. Landfill or incinerate solids and contaminated material in accordance with all local, state and federal regulations.

CONTAINER DISPOSAL

Empty containers may retain small amounts of residual product. Observe all hazard precautions and personal protection recommendations when handling empty containers. Dispose of as a non-hazardous waste in accordance with all applicable regulations.

8. SPECIAL PROTECTION INFORMATION

TLV OR SUGGESTED CONTROL VALUE

No TLV has been assigned to this mixture. Minimize exposures in accordance with good hygiene practices.

VENTILATION

Use local exhaust to keep exposures at a minimum.

RESPIRATORY PROTECTION (SPECIFY TYPE)

None required under normal conditions. If OSHA PEL standards are exceeded then use an appropriate MSHA-NIOSH approved respirator for the hazard.

PROTECTIVE CLOTHING

Impervious gloves, long trousers, long-sleeved shirt and appropriate footwear recommended to avoid skin contact.

EYE PROTECTION

Chemical tight goggles; full face shield if splashing is possible.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Eyewash, safety showers.

SPECIAL PRECAUTIONS

Prevent skin and eye contact. Observe TLV limitations. Avoid breathing vapors, mists or aerosols of this product. Keep product from freezing. If solids are coagulated or crystallized the product is unusable. Keep out of direct sunlight. Residual monomer content present no problem under normal working conditions of use, however high levels of monomer vapors can be released into work area when emulsions are heat dried or cured (ovens, infrared lamps, etc.) if good ventilation is not used.

9. OTHER INFORMATION

PREPARATION INFORMATION

Prepared by Regulatory Affairs Department - (612) 496-6000

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Replaces 10/20/97

REVISION INFORMATION