

WRIGHT-MIX MATERIAL - PYRO-CHEM USA

MATERIAL SAFETY DATA SHEET – “PRO SEAL LX”

SECTION 1.	CHEMICAL PRODUCT & COMPANY IDENTIFICATION
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A.	Manufacturer	Pyro-Chem Corporation P.O. Box 884 South Point, OH 45680 (740) 377-2244 Phone (740) 377-2283 Fax
B.	Product Identifier	Pyro-Chem Mine Sealant Type “PRO SEAL LX”
C.	Product Description	Tan Paste

SECTION 2.	COMPOSITION / INFORMATION ON INGREDIENTS
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	% BY WEIGHT	TLV/TWA
CALCIUM CARBONATE..... (CAS #471-34-1)	30-50	10mg/m ³ (dust)
LATEX POLYMER	<10	Not Established
(PROPRIETARY)		
WATER	30-50	-----
ALUMINO SILICATE.....	<2	Not Established
(CAS #93763-70-3)		
HYDRATED ALUMINUM-MAGNESIUM SILICATE.....	<5	Not Established
(CAS#12174-11-7)		
NYLON.....	<2	Not Available
(CAS#32131-17-2)		

TLV/TWA = Threshold Limit Value/Time-Weighted Average by American Conference of Governmental Industrial Hygienists (ACGIH)
See Section 12.

SECTION 3.	HAZARDS IDENTIFICATION
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“PRO SEAL LX”

EMERGENCY OVERVIEW:

An ACGIH Threshold Limit Value has not been established for this mixture.

POTENTIAL HEALTH EFFECTS:

INHALATION:

Exposure to mist or spray may cause coughing, sneezing and/or irritation of the respiratory tract.

EYE CONTACT:

Eye contact can cause tearing and redness.

INGESTION:

Can cause irritation to mucous membranes of gastrointestinal tract.

CHRONIC:

Lung and skin diseases may be aggravated by exposure.

SECTION 4.	FIRST AID MEASURES
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INHALATION:

Remove to fresh air. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration, **seek medical attention immediately.**

EYE CONTACT:

Immediately flush with water for fifteen minutes holding eyelids apart. **Seek medical attention if irritation persists.**

SKIN CONTACT:

Flush thoroughly with water for at least fifteen minutes. Consult physician if irritation persists.

INGESTION:

Do not induce vomiting. Give large quantities of water or milk. If vomiting occurs, make certain air passages are clear. **Seek medical attention immediately.** (Never give anything by mouth to an unconscious person.)

Not Applicable

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SECTION 5.	FIRE FIGHTING MEASURES
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FLASHPOINT AND METHOD..... No flash to boiling, 212°F (Tag closed up)
FLAMMABLE LIMITS..... UPPER: N/A
LOWER: N/A

GENERAL HAZARD:

None

FIRE FIGHTING INSTRUCTIONS:

Extinguish with media appropriate for surrounding fire. Water, foam, CO² or dry chemical may be used.

FIRE FIGHTING EQUIPMENT:

Use a self-contained breathing apparatus and protective clothing.

Use extinguishing media appropriate for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS:

CO, CO²

SECTION 6.	ACCIDENTAL RELEASE MEASURES
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GENERAL:

Consult proper authorities on the disposal of recovered materials to ensure disposal in compliance with local, state and federal regulations.

SPILL:

Small spills may be scooped up with a shovel and placed in a waste container.

Large spills should be diked with sand or earth, and steps taken to prevent discharges into waterways or sewer systems.

SECTION 7.	HANDLING AND STORAGE
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STORAGE TEMPERATURE..... 35° - 100°F
STORAGE PRESSURE..... Atmospheric

GENERAL:

Keep containers sealed when not in use. Protect from freezing. Frozen product should be allowed to thaw gradually, and stirred before using.

EMPTY CONTAINERS:

Do not reuse empty containers without commercial cleaning or reconditioning.

SECTION 8.	EXPOSURE CONTROLS / PERSONAL PROTECTION
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ENGINEERING CONTROLS:

Use only with adequate ventilation.

PERSONAL PROTECTION:

GENERAL:

Use NIOSH approved respirator or equivalent if application produces vapors, mists, & fumes.

PROLONGED OR REPEATED CONTACT:

Wear chemical resistant rubber protective gloves or equivalent and chemical safety goggles. Use protective clothing to minimize contact with skin. Wash contaminated clothing before reuse.

POSSIBLE CONTACT:

Wear chemical resistant rubber protective gloves or equivalent, chemical safety goggles, and protective clothing. Non-skid footwear is recommended for areas of spill or overspray.

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SECTION 9.	PHYSICAL AND CHEMICAL PROPERTIES
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APPEARANCE	Tan Paste
ODOR	Slight
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
SPECIFIC GRAVITY	1.2
WEIGHT PER GALLON	10 lbs.
SOLUBILITY IN WATER	Moderate
EVAPORATION RATE	Same as water
% VOLATILE	50% by volume
BOILING POINT	Approx. 212°F
FREEZING POINT	32°F
VISCOSITY	Approx. 500,000 cps (Brookfield)
pH	5-8
VOC (Volatile Organic Compound)	None

SECTION 10.	STABILITY AND REACTIVITY
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GENERAL:
Stable.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
Materials that are incompatible with water.

HAZARDOUS DECOMPOSITION:
None.

HAZARDOUS POLYMERIZATION:
Will not occur.

SECTION 11.	TRANSPORT INFORMATION
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DOT (Department of Transportation)

PROPER SHIPPING NAME.....	N/A
HAZARD CLASS.....	N/A
IDENTIFICATION NUMBER.....	N/A

SECTION 12.	REGULATORY INFORMATION
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SARA TITLE III – (Superfund Amendments and Reauthorization Act)

313 REPORTABLE INGREDIENTS:

None.

OSHA SUBPART Z:

None.

CERCLA

There is no reportable quantity for this material.

SECTION 13.	OTHER INFORMATION
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Do not sand or grind dry product, as respirable dust may be generated.

Please ensure that all persons coming into contact with this product are aware of the information contained in this MSDS. Information presented herein has been compiled from sources considered to be reliable and is accurate and reliable to the best of our knowledge and belief but not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of any material for the specific use and to adopt such safety precautions as may be necessary. If you need any further information for us to make the determinations, which you must make to use this material safely, please contact PYRO-CHEM CORPORATION.

DATE: June 7, 2011

N/A = Not Applicable