

# Leinweber's Liquid Latex, Vinyl-Crete Liquid, Elastex Liquid

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 05/31/2013

Version: 1.0

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Leinweber's Liquid Latex, Vinyl-Crete Liquid, Elastex Liquid

#### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Primer, Additive, Sealer: Cementitious & Gypsum Cements

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Company

F. H. LEINWEBER CO., INC.

9812 S. Cicero Avenue

Oak Lawn, IL 60453

T 708-424-7000

[www.leinwebercompany.com](http://www.leinwebercompany.com)

##### Manufacturer

F. H. LEINWEBER CO., INC.

346 W. 107<sup>th</sup> Place

Chicago, IL 60628

T 773-568-7722

#### 1.4. Emergency Telephone Number

**Emergency Number** : 708-424-7000

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

**Classification (GHS-US)**

Not classified

#### 2.2. Label Elements

**GHS-US Labeling**

No labelling required

#### 2.3. Other Hazards

No additional information available

#### 2.4. Unknown Acute Toxicity (GHS-US):

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product Identifier	%	Classification (GHS-US)
Water	(CAS No) 7732-18-5	72-79	Not classified
Styrene-butadiene copolymer	Mixture - Proprietary	21-28	Not classified
Xiameter Antifoam Emulsion	Mixture - Proprietary	~1.0	Not classified

The specific chemical identity and percentage (21-29%) of composition has been withheld as a trade secret.

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention.

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### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/Injuries After Inhalation:** Prolonged exposure to liquid may cause a mild irritation.

**Symptoms/Injuries After Skin Contact:** Contact during a long period may cause light irritation.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested : Gastrointestinal irritation.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical, carbon dioxide, water spray, foam, fog.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid prolonged contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop the flow of material, if this is without risk.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container.

### 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Avoid heating, thermal decomposition may generate various hydrocarbons and acrid irritating vapors.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep from freezing, material may develop bacteria odor on long term storage.

**Incompatible Products:** Strong acids. Strong bases. Strong oxidizers. Metal salts.

**Storage Temperature:** 4.4 - 43.3 °C (40°F-110°F)

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### 7.3. Specific End Use(s)

Primer, Additive, Sealer: Cementitious & Gypsum Cements.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

Styrene-butadiene copolymer		
USA ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA IDLH	US IDLH (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Styrene-butadiene copolymer		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
USA IDLH	US IDLH (mg/m <sup>3</sup> )	3000 mg/m <sup>3</sup>
Xiameter Antifoam Emulsion		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.2 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA IDLH	US IDLH (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### Personal Protective Equipment

: Safety glasses. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.



#### Materials for Protective Clothing

: Chemically resistant materials and fabrics.

#### Hand Protection

: Wear chemically resistant protective gloves.

#### Eye Protection

: Chemical goggles or safety glasses.

#### Respiratory Protection

: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

#### Other Information

: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: White, milky.
Odor	: Slight.
Odor Threshold	: No data available
pH	: 4 - 10
Relative Evaporation Rate (butylacetate=1)	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: 100 °C (212°F)
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: 17.5 mm Hg @68°F (20°C)

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Relative Vapor Density at 20 °C	: 212°F (100°C)
Relative Density	: No data available
Specific Gravity	: (0.98-1.04)
Solubility	: Product is dilutable.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, Kinematic	: No data available
Viscosity, Dynamic	: No data available
Explosive Properties	: No data available
Oxidizing Properties	: No data available
Explosive Limits	: Not applicable

### 9.2. Other Information No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Stable at standard temperature and pressure.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Hydrocarbons, acid vapors.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity** : Not classified

<b>Styrene-butadiene copolymer</b>	
LD50 Oral Rat	28 g/kg
LD50 Dermal Rabbit	> 20 g/kg
<b>Styrene-butadiene copolymer</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
LC50 Inhalation Rat (mg/l)	4.71 mg/l/4h (reported as > 4.7 mg/l/4h)
<b>Styrene-butadiene copolymer</b>	
LD50 Dermal Rabbit	1350 mg/kg
<b>Styrene-butadiene copolymer</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat (mg/l)	> 2.2 mg/l (Exposure time: 1 h)
<b>Xiameter Antifoam Emulsion</b>	
LD50 Oral Rat	> 17 g/kg
LD50 Dermal Rabbit	> 2 g/kg
<b>Xiameter Antifoam Emulsion</b>	
LD50 Oral Rat	2140 mg/kg
LC50 Inhalation Rat (mg/l)	0.36 mg/l 4 h (reported as 510 mg/m3/2 h)
LC50 Inhalation Rat (ppm)	86.75 ppm 4 h (reported as 347 ppm/1 h)
ATE (Oral)	2140.000 mg/kg
ATE (Dust/Mist)	0.360 mg/l/4h

**Skin Corrosion/Irritation:** Not classified pH: 4 - 10

**Serious Eye Damage/Irritation:** Not classified pH: 4 - 10

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

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Styrene-butadiene copolymer	
National Toxicity Program (NTP) Status	1
Styrene-butadiene copolymer	
IARC group	3
Xiameter Antifoam Emulsion	
IARC group	1

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure to liquid may cause a mild irritation.

**Symptoms/Injuries After Skin Contact:** Contact during a long period may cause light irritation.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested : Gastrointestinal irritation.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Styrene-butadiene copolymer	
LC50 Fish 1	> 5000 mg/l (Exposure time: 24 h - Species: Carassius auratus)
Styrene-butadiene copolymer	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Styrene-butadiene copolymer	
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Styrene-butadiene copolymer	
LC50 Fish 1	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)
EC50 Other Aquatic Organisms 1	440 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)
Xiameter Antifoam Emulsion	
LC50 Fish 1	500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	29 mg/l (Exposure time: 24 h - Species: Daphnia magna)
Xiameter Antifoam Emulsion	
LC50 Fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

### 12.2. Persistence and Degradability

Leinweber's Liquid Latex, Vinyl-Crete Liquid, Elastex Liquid	
Persistence and Degradability	Not readily biodegradable.

### 12.3. Bioaccumulative Potential

Leinweber's Liquid Latex, Vinyl-Crete Liquid, Elastex Liquid	
Bioaccumulative Potential	Not established.
Styrene-butadiene copolymer	
BCF fish 1	(no bioaccumulation expected)
Xiameter Antifoam Emulsion	
BCF fish 1	(no bioaccumulation)

### 12.4. Mobility in Soil

Leinweber's Liquid Latex, Vinyl-Crete Liquid, Elastex Liquid	
Ecology - Soil	Movement in the environment is expected to be limited by the formation of insoluble polymers.

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

### SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

**14.1. UN Number** Not regulated for transport

**14.2. UN Proper Shipping Name** Not regulated for transport

#### 14.3. Additional Information

**Other information** : Not regulated for transport

**Transport by Sea** Not regulated for transport

**Air Transport** Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

<b>Styrene-butadiene copolymer</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Xiameter Antifoam Emulsion</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Xiameter Antifoam Emulsion</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on SARA Section 302 (Specific toxic chemical listings)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
<b>SARA Section 302 Threshold Planning Quantity (TPQ)</b>	1000
<b>SARA Section 313 - Emission Reporting</b>	1.0 % (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)

#### US State Regulations

<b>Styrene-butadiene copolymer</b>	
U.S. - Massachusetts - Right To Know List	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Xiameter Antifoam Emulsion</b>	
U.S. - Massachusetts - Right To Know List	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	

### SECTION 16: OTHER INFORMATION

**Other information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The specific chemical identity and percentage (21-29%) of composition has been withheld as a trade secret.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

SDS US (GHS HazCom)