



## Safety Data Sheet

### Section 1 - Chemical Product and Company Information

Product Name: Densifier LP Product Code: Densifier LP

Trade Name: Densifier LP

Manufactured by:  
Smith Paint Products  
2200 Paxton Street  
Harrisburg, PA 17111  
(800) 466-8781

Chemtec  
2900 Fairview Park Drive  
Falls Church, VA 22042-4513  
(800) 262-8200

Emergency Hot Line:  
(800) 424-9300

### Section 2 - Hazards Identification

#### GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity $\geq 3$ , Iritis $> 1.5$

#### GHS Hazards

H316	Causes mild skin irritation
H318	Causes serious eye damage

#### GHS Precautions

P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention

Signal Word: Danger



### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water softened	7732-18-5	

SILICIC ACID POTASSIUM SILICATE	1312-76-1	5.00% - 10.00%
SILICIC ACID LITHIUM SILICATE	12627-14-4	1.00% - 5.00%

### Section 4 - First Aid Measures

**INHALATION:** Move victim to fresh air at once. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash off quickly with plenty of water, then soap and water. For severe exposure shower and get medical attention.

**INGESTION:** If swallowed, dilute with 2 to 4 glasses of water. Do not induce vomiting, obtain medical treatment immediately. Never give anything by mouth to an unconscious person.

### Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL: \_\_\_\_\_ UEL: \_\_\_\_\_

**Flammable Limits:**

**Extinguishing Media:** This product is compatible with all extinguishing media.

**Unusual Hazards:** Spilled material is very slippery. This material dries to form glass, a film which can easily cut skin.

**Haz. Comb. Products:** This product is non combustible.

**Fire Fighting Equipment:** Chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots.

### Section 6 - Accidental Release Measures

**SPILL AND LEAK PROCEDURES:** Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE). Spills may be very slippery when wet, use caution during cleanup.

### Section 7 - Handling and Storage

**Handling Precautions:** Wear all appropriate Personal Protective Equipment (PPE). Wear body covering protective clothing gloves. Use NIOSH approved dust and mist respirator where spray mist occurs. Observe OSHA regulations for respirator use (29 C.F.R. 1910.134) and wear chemical splash goggles.

**STORAGE:** Prevent from freezing. Do not store above 90 F (40 C).

Store only in original containers.

### Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water softened 7732-18-5	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.	Not Established

SILICIC ACID POTASSIUM SILICATE 1312-76-1	Not Established	Not Established	Not Established
SILICIC ACID LITHIUM SILICATE 12627-14-4	Not Established	Not Established	Not Established

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<b>Appearance:</b> Liquid <b>%NV:</b> 9.784% <b>%water</b> 90.22%	<b>Specific Density:</b> 1.07 g/mL or 8.94 lb/Gal <b>%VOC</b> 0.00%
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## Section 10 - Stability and Reactivity

**Stability:**

STABLE

**Incompatibilities/Conditions to avoid:** Gels and generates heat when mixed with acid. Absorbs carbon monoxide when exposed to air. May react with ammonium salts resulting in evolution of ammonium gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.

**Hazardous Decomposition:** Not applicable.

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

**Mixture Toxicity**

**Primary routes of entry:** Skin contact.

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

## Section 12 - Ecological Information

**Component Ecotoxicity**

Water softened

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

SILICIC ACID LITHIUM SILICATE

Toxicity Lithium compounds - no data.

Persistence and degradability: Inorganic. Soluble silicates, upon dilution, rapidly depolymerise into molecular species indistinguishable from natural dissolved silica.

Bioaccumulative potential: Inorganic. The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Results of PBT and vPvB assessment: Not classified as PBT or vPvB.

Other adverse effects: The alkalinity of this material will have a local effect on ecosystems sensitive to changes in pH.

### Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

### Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ARD/RID	Paint - Silicate Solution	Unregulated		Not Regulated
DOT	Paint - Silicate Solution	Unregulated		Not Regulated
IATA	Paint - Silicate Solution	Unregulated		Not Regulated
IMDG	Paint - Silicate Solution	Unregulated		Not Regulated

### Section 15 - Regulatory Information

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

No Data Available

**R2K List**

No Data Available

### Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

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