

NewLook International, Inc.  
NanoSet™ Densifier Li



Safety Data Sheet

Issue Date 22-May-15

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## Section 1

### Product and Company Identification:

**Product Name:**

NanoSet™ Densifier Li

**Product Use:**

Helps increase surface density and hardness. Also, provides additional protection and longevity to polished concrete substrates.

**Manufacturer's Name:**

NewLook International, Inc.

**Manufacturer's Address:**

1525 South Gladiola Street Suite 8 Salt Lake City, UT 84104

**Information Phone:**

NewLook International, Inc. 801.886.9495 or 877.763.9566

**Emergency Contact:**

CHEMTEL 1.800.255.3924, Outside the USA +1.813.248.0585

## Section 2

### Hazards Identification:

**Product Hazard Category:**

Acute Toxicity – Category 5 (Inhalation) Category 3 (Oral)

Skin Corrosion – Category 2

Eye Irritation – Category 2B

**Label Content:** Pictogram



**Signal Word:** WARNING

**Hazard Statement:**

May cause eye irritation

Causes skin irritation

May be fatal if ingested

May cause respiratory irritation

**Precautionary Statement:** Prevention

Wear Safety goggles to protect eyes.

Wear chemically resistant gloves and aprons to minimize contact with the skin.

When respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR1910.134.

Use only with adequate ventilation.

Do not take internally.

Keep out of the reach of children.

Keep container tightly closed and upright when not in use.

Wash hands thoroughly after handling, especially before eating or smoking.

**Other Hazards:** Not Known

### Section 3

#### Composition/ Information on Ingredients:

Chemical Name	CAS Number	Weight
Silicic Acid, Lithium Salt, Lithium Silicate	7631-86-9	23 – 27%
Water	7732-18-5	72 – 77%
Penetrating Aid	Proprietary	< 1%

### Section 4

#### First Aid Measures:

**Precautionary Statements:** Response

Inhalation: Move to fresh air. Give artificial respiration, if not breathing. If breathing is difficult, seek medical attention.

**Ingestion:** Seek medical attention immediately.

**Eye Exposure:** Immediately flush eyes with large amount of water for at least 15 minutes, occasionally lifting upper and lower eyelids.

**Skin Contact:** Wash exposed area with water, then soap and water. Remove and clean contaminated clothing. If irritation persists, seek medical attention.

### Section 5

#### Firefighting Measures:

**Suitable Extinguishing Media:** Use water fog, dry chemical, or CO<sup>2</sup>

**Unsuitable Extinguishing Media:** Not Known

**Specific Hazards in Case of a Fire:** Not Known

**Special Protective Equipment and Procedures for Firefighters:** Wear self-contained breathing apparatus with a full-face piece operated in positive pressure mode and full protective clothing.

### Section 6

#### Accidental Release Measure:

**Personal Precautions:** Wear personal protective equipment.

**Environmental Precautions:** Absorb spills with sand, clay, minerals or any suitable any absorbent material, like Newlook's Absorbent. Sweep and place material in waste receptacle. Prevent runoff from entering sewers, ditches and natural waterways. Dispose if waste in accordance with applicable local, county, state and federal regulations. Avoid discharge into natural waters.

### Section 7

#### Handling and Storage:

**Precautions for Safe Handling:** Avoid extreme temperatures, DO NOT FREEZE. Store in a cool, dry place with adequate ventilation. Storing temperature 40 -100°F (4 -37°C). Keep containers closed when not in use.

### Section 8

#### Exposure Control/ Personal Protection:

**Exposure Limits:**

Chemical Name	ACGIH TLV	OSHA PEL
Silicic Acid, Lithium Salt, Lithium Silicate	80a	10b
Water	Not Established	Not Established
Penetrating Aid	Not Established	Not Established

**Information on System Design:** Provide diluted ventilation or local exhaust to prevent build-up of vapors. Keep out of the reach of children. Keep containers closed and upright when not in use.

**Appropriate Engineering Controls:****Engineering Controls:**

Eyewash Stations  
Showers

**Eye Protection:** Wear safety goggles.

**Skin Protection:** Wear chemically resistant gloves and aprons to minimize contact with the skin.

**Respiratory Protection:** Use only with adequate ventilation. Avoid conditions, which result in formation of inhalable particles, such as spraying or sanding painted surfaces. If such conditions cannot be avoided, use respiratory protection only use NIOSH/MSHA approved respirators in accordance with OSHA standard 29 CFR1910.134.

**General Hygiene Considerations:** Wash hands thoroughly after handling, especially before eating or smoking.

**Section 9****Physical & Chemical Properties:**

**Physical State:** Liquid

**Color:** Clear, Slightly White

**Odor:** Mild

**Odor Threshold:** N/A

**pH Value:** 10.8

**Melting Point:** N/A

**Freezing Point:** 32°F (0°C)

**Initial Boiling Point:** 212°F (100°C)

**Flash Point:** Will not Flash

**Evaporation Rate:** Slower as Water

**Flammability (solid, gas):** Not Available

**Explosion Limits:** Lower Limits: N/A Upper Limits: N/A

**Vapor Pressure:** Same as Water

**Vapor Density:** N/A

**Solubility:** Soluble in Water

**Auto Ignition Temperature:** N/A

**VOC:** None

**Section 10****Stability & Reactivity:**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Acids, ammonium salts, reactive metals and some organics.

**Materials to Avoid:** Do not mix product with other materials, unless advised by the manufacturer.

**Hazardous Decomposition Products:** Hydrogen

## Section 11

### Toxicological Information:

**Routes of Entry:** Inhalation and Ingestion

**Toxicity to Animals:** Not Established

**Chronic Effects on Humans:** Not Established

**Special Remarks on Toxicity:** Unlikely to cause harmful effects under recommended conditions of handling and use.

## Section 12

### Ecological Information:

**Eco-toxicity:** Aquatic

**BODS and COD:** Not Established

**Products and Biodegradation:** Not Established

**Special Remarks on the Product of Biodegradation:** Not Established

## Section 13

### Disposal Considerations:

**Waste Disposal Method:** Absorb spills with sand, clay, minerals or any suitable any absorbent material, like Newlook's Absorbent. Sweep and place material in waste receptacle. Flush spill with water. Dispose if waste in accordance with applicable local, county, state and federal regulations. Avoid discharge into natural waters. This product is not classified as a hazardous waste under the authority of the RCRA (400CFR 261) or CERCLA (40CFR 117/302)

## Section 14

### Transport Information:

**DOT Proper Shipping Name:** Concrete Densifier

**DOT Hazard Class ID Number:** Non-hazardous, Not required, Class 55

## Section 15

### Regulatory Information:

**SARA (Title III) Section 313:** Not subject to Reporting Requirements

**TSCA (5/1997):** All components are on the TSCA inventory list.

**Federal Hazardous Substance Act:** Product is a hazardous substance subject to statutes promulgated under the Subject Act.

**Canadian Environmental Protection Act:** Not Listed

**Canadian WHMIS:** Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's WHMIS. This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

## Section 16

### Other Information:

The SDS should be read before product disposal. Pass SDS information to all persons who could be exposed to the product. The SDS has been prepared according to OSHA hazard Communication Standard (29 CFR 1901.1200). To the best of our knowledge, the information contained herein is accurate and based on sources believed to be reliable. However, since data, safety standards and government regulations are subject to change, NewLook International, Inc. makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material, if used in combination with other materials. It is the end users responsibility

**to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution. NewLook International, Inc. assumes no legal responsibility for use or reliance upon this data.**

**HMIS:** H=0, F=0, R=0, P=0 (0 = Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe)

ACGIH: American Conference of Government Industrial Hygienists

CAS: Chemical Abstracts Service Registry

MISHA: Mine Safety and Health Administration

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit (OSHA)

STEL: Short Term Exposure Limit (ACGIH)

TLV: Threshold Limit Value (ACGIH)

IARC: International Agency for Research on Cancer

HMIS: Hazardous material Identification System

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