



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Blended Silicate Solution Product Code: SCF-Base Boost

Trade Name: Base Boost

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

Product Use: Additive to primer for the primary or base color of Smith's Color Floor or Color Wall installation
Not recommended for: Application to overlay systems, previously coated substrates or use in highlight colors .

Section 2 - Hazards Identification

GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: \geq 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days

GHS Hazards

H315	Causes skin irritation
H319	Causes serious eye irritation

GHS Precautions

P264	Wash ... thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P362	Take off contaminated clothing and wash before reuse
P302+P352	IF ON SKIN: Wash with soap and water
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
P337+P313	If eye irritation persists, get medical advice/attention

Signal Word: Warning



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water softened	7732-18-5	90.00% - 100.00%
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
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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 by OSHA.	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	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:

<p>Appearance: Clear Liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: 0.6</p> <p>Specific Density: 1.06</p> <p>Freezing point: 0°C</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: Not Determined</p> <p>Explosive Limits: 0%</p> <p>Autoignition temperature: N/A</p> <p>Viscosity: 1 cPs</p>	<p>Odor: Low Odor</p> <p>Odor threshold: Not Determined</p> <p>pH: Not Determined</p> <p>Melting point: Not Determined</p> <p>Solubility: Not Determined</p> <p>Flash point: 999 F, 999 C</p> <p>Flammability: Not Determined</p> <p>Partition coefficient (n-octanol/water): Not Determined</p> <p>Decomposition temperature: Not Determined</p> <p>Grams VOC less water: 90.35</p>
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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

Component 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) .

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

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>
DOT	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:

- None

R2K List

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

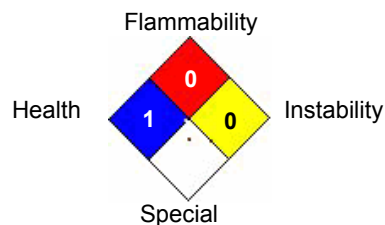
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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