

# INSLX<sup>®</sup>

## SAFETY DATA SHEET

Revision Date: 05-Dec-2014

Revision Number: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** TUFFCRETE WATERBORNE ACRYLIC CONCRETE STAIN & WATERPOOFER TINTABLE WHITE

**Product Code** CST-2110  
**Alternate Product Code** XA1601  
**Product Class** LATEX STAIN  
**Color** All  
**Recommended use** Paint  
**Restrictions on use** No information available

**Manufacturer** Benjamin Moore & Co.  
101 Paragon Drive , NJ 07645  
Phone: 800-225-5554  
insl-x.com

**Emergency Telephone Number(s)**  
CHEMTREC (US): 800-424-9300  
CHEMTREC (outside US): (703)-527-3887

### 2. HAZARDS IDENTIFICATION

#### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1A

#### Label elements

##### Danger

##### Hazard statements

Causes skin irritation  
Causes serious eye irritation  
May cause cancer



**Appearance** liquid

**Odor** little or no odor

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

If exposed or concerned get medical attention

**Eyes**

If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists get medical attention

**Skin**

If on skin wash with plenty of soap and water  
If skin irritation occurs get medical attention  
Take off contaminated clothing and wash before reuse

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Other information**

No information available

**Other Hazards**

CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.

**3. COMPOSITION INFORMATION ON COMPONENTS**

Chemical Name	CAS-No	Weight % (max)
Titanium dioxide	13463-67-7	15
2-Propanol-1-butoxy	5131-66-8	5
Kaolin	1332-58-7	5
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	0.5
Sodium C14-C16 olefin sulfonate	68439-57-6	0.5

**4. FIRST AID MEASURES**

**General Advice**

No hazards which require special first aid measures.

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**Inhalation**

Move to fresh air. If symptoms persist, call a physician.

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<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects</b>	No information available.
<b>Notes To Physician</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	No
<b>Flash Point Data</b>	
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Flash Point Method	Not applicable
<b>Flammability Limits In Air</b>	
Lower Explosion Limit	Not applicable
Upper Explosion Limit	Not applicable

**NFPA**      **Health:** 1      **Flammability:** 0      **Instability:** 0      **Special:** Not Applicable

### NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Prevent further leakage or spillage if safe to do so.
<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.

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**Methods For Clean-Up** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage** Keep container tightly closed. Keep out of the reach of children.

**Incompatible Materials** No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

Chemical Name	ACGIH	OSHA
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA
2-Propanol-1-butoxy	N/E	N/E
Kaolin	2 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA total 5 mg/m <sup>3</sup> - TWA
Distillates (petroleum), solvent-dewaxed heavy paraffinic	N/E	N/E
Sodium C14-C16 olefin sulfonate	N/E	N/E

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin Protection** Protective gloves and impervious clothing  
**Respiratory Protection** In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** liquid  
**Odor** little or no odor  
**Odor Threshold** No information available  
**Density (lbs/gal)** 9.7 - 10.0  
**Specific Gravity** 1.16 - 1.20  
**pH** No information available  
**Viscosity (cps)** No information available  
**Solubility** No information available  
**Water Solubility** No information available  
**Evaporation Rate** No information available  
**Vapor Pressure** No information available  
**Vapor Density** No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Wt. % Solids	35 - 45
Vol. % Solids	25 - 35
Wt. % Volatiles	55 - 65
Vol. % Volatiles	65 - 75
VOC Regulatory Limit (g/L)	< 250
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing Point (°F)	32
Freezing Point (°C)	0
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Flash Point Method	Not applicable
Flammability (solid, gas)	Not applicable
Upper Explosion Limit	Not applicable
Lower Explosion Limit	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition Coefficient (n-octanol/water)	No information available.

## 10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions.
Conditions To Avoid	Prevent from freezing
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.
Possibility Of Hazardous Reactions	None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	No information available
Eye contact	No information available
Skin contact	No information available
Ingestion	No information available

#### Acute Toxicity

Product	No information available
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**Information on toxicological effects**

**Symptoms** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available

**Mutagenic Effects** No information available

**Reproductive Effects** No information available

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 26906 mg/kg

**ATEmix (dermal)** 71167 mg/kg

**Acute Toxicity**

**Component**

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat)

LD50 Dermal: > 10000 mg/m<sup>3</sup> (Rabbit)

LC50 Inhalation (Dust): > 6.82 mg/L (Rat, 4 hr.)

2-Propanol-1-butoxy

LD50 Oral: 5660 mg/kg (Rat)

LD50 Dermal: 3100 mg/kg (Rabbit)

Kaolin

LD50 Oral: > 5000 mg/kg (Rat)

**Carcinogenicity**

*The information below indicates whether each agency has listed any ingredient as a carcinogen:*

<b>Chemical Name</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA Carcinogen</b>
Titanium dioxide	2B - Possible Human Carcinogen		Listed

- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

**Legend**

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity Effects**

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**Product**

**Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available

**Bioaccumulation / Accumulation**

No information available

**Mobility in Environmental Media**

No information available

**Ozone**

No information available

**Component**

**Acute Toxicity to Fish**

Titanium dioxide

LC50: >1000 mg/L (Fathead Minnow - 96 hr.)

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method**

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION**

**DOT**

Not regulated

14. TRANSPORT INFORMATION

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

**International Inventories**

United States TSCA Yes - All components are listed or exempt.  
Canada DSL Yes - All components are listed or exempt.

**Federal Regulations**

**SARA 311/312 hazardous categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

*None*

**State Regulations**

**California Proposition 65**

*This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.*

**State Right-to-Know**

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Titanium dioxide	X	X	X
Kaolin	X	X	X

