



## Material Safety Data Sheet

Revision Date: 01-Mar-2013

Revision Number: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** SEAL LOCK PRIMER/SEALER - TINTABLE WHITE  
**Product Code** IL6800  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** All

**Manufacturer** Complementary Coatings Corp.  
 dba Insl-X  
 101 Paragon Drive  
 Montvale, NJ 07645  
 Phone: (800)-225-5554  
 www.insl-x.com

**Emergency Telephone Number(s)**  
 CHEMTREC: 800-424-9300

### 2. COMPOSITION INFORMATION ON COMPONENTS

#### Hazardous Components

Chemical Name	CAS-No	Weight % (max)
Talc	14807-96-6	20
Ethanol	64-17-5	20
Titanium dioxide	13463-67-7	15
t-Butyl acetate	540-88-5	15
Magnesium carbonate	546-93-0	10
Nepheline syenite	37244-96-5	5
Stoddard solvent	8052-41-3	5
Isopropyl alcohol	67-63-0	5

### 3. HAZARDS IDENTIFICATION

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **DANGER**

Flammable. Vapors may cause flash fire. Harmful if swallowed. Vapor harmful. Harmful by inhalation. Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis.

Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded.

**Appearance** liquid

**Odor** solvent

#### **OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Potential Health Effects

#### **Principal Routes of Exposure**

Eye contact, skin contact and inhalation.

#### **Acute Effects**

##### **Eyes**

Avoid contact with eyes. Causes eye irritation. Moderately irritating to the eyes.

##### **Skin**

Avoid contact with skin. May cause skin irritation and/or dermatitis.

##### **Inhalation**

Avoid breathing vapors or mists. Irritating to respiratory system. High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.

##### **Ingestion**

Harmful if swallowed. Ingestion may cause irritation to mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

#### **Chronic Effects**

Avoid repeated exposure. Prolonged exposure may cause chronic effects.

See Section 11 for additional Toxicological information.

#### **Aggravated Medical Conditions**

Skin disorders. Asthma and other respiratory disorders. Kidney disorders. Liver disorders. Pre-existing heart disorders.

#### **HMIS**

**Health:** 1\*

**Flammability:** 3

**Reactivity:** 0

**PPE:** -

#### **HMIS Legend**

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

#### 4. FIRST AID MEASURES

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
<b>Notes To Physician</b>	Treat symptomatically.
<b>Protection Of First-Aiders</b>	Use personal protective equipment.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause flash fire.
<b>Suitable Extinguishing Media</b>	Foam, dry powder or water. 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>	Flammable. Flash back possible over considerable distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	Yes
<b>Flash Point Data</b>	
Flash Point (°F)	40
Flash Point (°C)	4
Flash Point Method	PMCC
<b>Flammability Limits In Air</b>	
Lower Explosion Limit	Not available

Upper Explosion Limit

Not available

**NFPA**      **Health:** 1      **Flammability:** 3      **Instability:** 0      **Special:** -

**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**

**Personal Precautions**

Remove all sources of ignition. Take precautions to prevent flashback. Ground and bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods For Clean-Up**

Dam up. Soak up with inert absorbent material. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Clean contaminated surface thoroughly.

**Other Information**

None known

**7. HANDLING AND STORAGE**

**Handling**

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in ventilated areas. Prevent vapor build-up by providing adequate ventilation during and after use.

Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may occur.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children.

**DANGER** - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**Technical measures/Precautions** Ensure adequate ventilation. Use only where airflow will keep vapors from building up in or near the work area in adjoining rooms. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing and disposal of flammable liquids.  
Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. All equipment should be non-sparking and explosion proof. Use explosion proof electrical equipment for ventilation, lighting and material handling.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

#### Hazardous Components

Chemical Name	ACGIH	OSHA
Talc	2 mg/m <sup>3</sup> - TWA	20 mppcf - TWA
Ethanol	1000 ppm - STEL	1000 ppm - TWA 1900 mg/m <sup>3</sup> - TWA
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA total
t-Butyl acetate	200 ppm - TWA	200 ppm - TWA 950 mg/m <sup>3</sup> - TWA
Magnesium carbonate	N/E	15 mg/m <sup>3</sup> - TWA total 5 mg/m <sup>3</sup> - TWA
Nepheline syenite	N/E	5 mg/m <sup>3</sup> - TWA (nuisance dust)
Stoddard solvent	100 ppm - TWA	2900 mg/m <sup>3</sup> - TWA 500 ppm - TWA
Isopropyl alcohol	200 ppm - TWA 400 ppm - STEL	400 ppm - TWA 980 mg/m <sup>3</sup> - TWA

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

##### Eye/Face Protection

Safety glasses with side-shields. If splashes are likely to occur, wear:.. Tightly fitting safety goggles. Face-shield.

##### Skin Protection

Long sleeved clothing. Chemical resistant apron. Antistatic boots. Protective gloves.

##### Respiratory Protection

Use only with adequate ventilation. In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

#### Hygiene Measures

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	liquid
<b>Odor</b>	solvent
<b>Density (lbs/gal)</b>	11.0 - 11.4
<b>Specific Gravity</b>	1.33 - 1.35
<b>pH</b>	Not available
<b>Viscosity (centistokes)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Wt. % Solids</b>	65 - 75
<b>Vol. % Solids</b>	40 - 50
<b>Wt. % Volatiles</b>	25 - 35
<b>Vol. % Volatiles</b>	50 - 60
<b>VOC Regulatory Limit (g/L)</b>	<350
<b>Boiling Point (°F)</b>	167
<b>Boiling Point (°C)</b>	75
<b>Freezing Point (°F)</b>	Not available
<b>Freezing Point (°C)</b>	Not available
<b>Flash Point (°F)</b>	40
<b>Flash Point (°C)</b>	4
<b>Flash Point Method</b>	PMCC
<b>Upper Explosion Limit</b>	Not available
<b>Lower Explosion Limit</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions. Hazardous polymerisation does not occur.
<b>Conditions To Avoid</b>	Keep away from open flames, hot surfaces, static electricity and sources of ignition. Sparks. Elevated temperature.
<b>Incompatible Materials</b>	Incompatible with strong acids and bases and strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Possibility Of Hazardous Reactions</b>	None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### **Product**

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

**Component**

Ethanol

LD50 Oral: 7060 mg/kg (Rat)

LC50 Inhalation (Vapor): 20000 ppm (Rat, 10 hr.)

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.)

Nepheline syenite

Sensitization: No sensitizing effects known.

Stoddard solvent

LD50 Oral: > 5,000 mg/kg (Rat)

LD50 Dermal: > 3160 mg/kg (Rabbit)

LC50 Inhalation (Vapor): > 6.1 mg/L (Rat)

Isopropyl alcohol

LD50 Oral: 5,000-5,045 mg/kg (Rat)

LD50 Dermal: 12,800 mg/kg (Rabbit)

LC50 Inhalation (Vapor): 16,000 ppm (Rat)

**Chronic Toxicity**

**Carcinogenicity**

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

Chemical Name	ACGIH	IARC	NTP	OSHA Carcinogen
Ethanol	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans			
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**

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity Effects

#### **Product**

##### Acute Toxicity to Fish

No information available

##### Acute Toxicity to Aquatic Invertebrates

No information available

##### Acute Toxicity to Aquatic Plants

No information available

#### **Component**

##### Acute Toxicity to Fish

No information available

##### 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. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options..

### **Empty Container Warning**

Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

## 14. TRANSPORT INFORMATION

### **DOT**

<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>UN-No</b>	UN1263
<b>Packing Group</b>	II



**14. TRANSPORT INFORMATION**

**ICAO / IATA** Contact the preparer for further information.

**IMDG / IMO** Contact the preparer for further information.

**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	Yes
Fire Hazard	Yes
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:

<u>Chemical Name</u>	<u>CAS-No</u>	<u>Weight % (max)</u>
Isopropyl alcohol	67-63-0	5

*This product may contain trace amounts of (other) SARA reportable chemicals. Contact the preparer for further information.*

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

This product contains the following HAPs:

*This product may contain trace amounts of (other) HAPs chemicals. Contact the preparer for further information.*

**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**

<b>Chemical Name</b>	<b>Massachusetts</b>	<b>New Jersey</b>	<b>Pennsylvania</b>	<b>Louisiana</b>	<b>Rhode Island</b>
Talc	X	X	X		X
Ethanol	X	X	X		X

Titanium dioxide	X	X	X		X
t-Butyl acetate	X	X	X		X
Magnesium carbonate	X	X			X
Stoddard solvent	X	X	X		X
Isopropyl alcohol	X	X	X		X

**Legend**

X - Listed

**16. OTHER INFORMATION**

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Prepared By** Product Stewardship Department  
Benjamin Moore & Co.  
360 Route 206 - P.O. Box 4000  
Flanders, NJ 07836  
866-690-1961

**Revision Date:** 01-Mar-2013  
**Revision Summary** Not available

Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

**End of MSDS**