



## 1. PRODUCT AND COMPANY IDENTIFICATION

Company

The Greenstreak Group, Inc.  
3400 Treecourt Industrial Blvd  
St. Louis, MO 63122

24 Hour Emergency Response Information

81-3-3535-4565

**Greenstreak Product(s): Leakmaster LV-1**

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance/ Mixture:	Mixture
Chemical name:	Polyurethane water sealing caulking compound
Main component:	Polyurethane, Calcium carbonate, Xylene, Petroleum solvent, Titanium Oxide

<u>CAS Number</u>	<u>Content(%)</u>	<u>Chemical Name</u>
13463-67-7	2-4	Titanium oxide
64742-94-5	3-6	Petroleum solvent
108-38-3	0.7-1.5	Xylene

## 3. HAZARDS IDENTIFICATION

Emergency Overview

Thermal decomposition may produce HCL,CO, etc.

## 4. FIRST AID MEASURES

**General Advice:** None

**If inhaled:** Remove the affected person to fresh air. If there is difficulty with breathing give oxygen and obtain medical attention.

**If on skin:** Flush with large amount of water. Use a soap if available. Remove severely contaminated clothing ( including shoes) and launder before use.

**If in eyes:** Don't rub your eyes. Flush immediately eyes with large amount of clean water until irritation subside.



**If swallowed:** If conscious, give water to drink and induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

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## 5. FIRE FIGHTING MEASURES

### **Suitable extinguishable media:**

Either allow fire to burn out under controlled condition or extinguished with foam or dry chemical.

### **Protective equipment for fire fighting:**

Respiratory and eye protection required to fighting personnel. Full protective equipment ( Bunker Gear) and a self- contained breathing apparatus ( SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguish with a portable fire extinguisher, using

### **Further information:**

- Hazardous combustion products: Carbon dioxide, carbon monoxide, amine and ammonia

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## 6. ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:** None

**Cleanup:** Sweep up and discard.

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## 7. HANDLING AND STORAGE

### **Handling**

Avoid inhaling vapor, avoid contact with skin and eyes. Handle in well ventilated area.

### **Storage**

**General Advice:** Store in a cool, dry, well- ventilated location. Keep away from water. Keep away from heat, flame and sunlight. Temperature should be controlled from 5 to 35 centigrade.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Skin protection:**

For brief contact, no precautions other than clean body- covering would be needed. When prolonged or frequently repeated contact could occur, use protective clothing such as butyl rubber, impervious to this material. Selection of specific items such as gloves, boots, apron or full body suit depend on the operation.

### **Eye protection:**

Use safety glasses. Where contact with this material is likely, chemical goggles are recommended because eye contact may cause discomfort even though it is unlikely to cause injury.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste	Viscosity: 100,000-250,000 cps (23°C)
Odor: Like petroleum	Solubility: Water insoluble. Petroleum solvent- soluble.
Color: Gray	Density: 1.20-1.30 g/cm <sup>3</sup> (23°C)

## 10. STABILITY AND REACTIVITY

### Stability:

Viscosity increases when the temperature is more than 25 °C

### Conditions to avoid:

No information

### Substances to avoid:

Strong oxidizing agents

### Hazardous reactions:

Exothermic reaction with amine and alcohol. Evolving CO<sub>2</sub> react with water.

### Decomposition products:

Carbon dioxide, carbon monoxide, nitric oxide, ammonia

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

No information

### Subacute toxicity:

No information

### Chronic toxicity:

No information

<u>PETROLEUM SOLVENT</u>		<u>m-XYLENE</u>	
LD50 Oral (Rats)	200-2,000 mg/kg	LD50 Oral (Rats)	5,000mg/kg
LD60 Dermal (Rabbits)	2,000mg/kg	LD60 Dermal (Rabbits)	5,000mg/kg
LD50 Inhalation (Rats)	2-5mg/l	LD50 Inhalation (Rats)	8,000ppm/4hr

## 12. ECOLOGICAL INFORMATION

### Biodegradability:

No information



**Bioaccumulation:**

No information

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**13. DISPOSAL CONSIDERATIONS**

**Waste disposal of substance:**

Disposal should be in compliance with local, state or national legislation.

Can be burnt if there are proper equipment to burn.

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**14. TRANSPORT INFORMATION**

Not a hazardous material for DOT shipping

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**15. Physical and Chemical Properties of Component Solvents**

	PETROLEUM SOLVENT	
Boiling Point	254-371°C	m-XYLENE
Density	1.0 (15°C/ 4°C)	0.8642 (20°C)
Initial boiling point	230-250 °C	-
Vapor pressure	1.0 KPa (37.8°C)	0.64-0.90Kpa (20°C)
Flammability	Flammable Liquid	Flammable Liquid
Flash point	100-140°C	21-32°C
Auto ignition temperature	No data	432-564°C
Explosion limits in air	LEL 1% (V/V) UEL 7% (V/V)	LEL 1% (V/V) UEL 7.8% (V/V)
Oxidizing properties	N/A	-
Permissible concentration	TWA 100 ppm (525 mg/m <sup>3</sup> )	TWA 100 ppm (435 mg/m <sup>3</sup> )

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**16. OTHER INFORMATION**

- To the best of our knowledge, the information contained herein is accrete in order to have the user handle the product safer. However, C.I. KASEI CO.,LTD. do not assume any liability for the accuracy or completeness of the information contained herein.
- Final determination and utilization of the product is the sole responsibility of the user. C.I. KASEI CO., LTD ask the user to handle the product carefully and safely referring to the information contained herein.
- The information described herein can be advised, when any new information data is obtained.