



# SAFETY DATA SHEET

Revision Date: 30-Apr-2021

Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** GARAGEGUARD WATERBORNE EPOXY GARAGE FLOOR COATING NEUTRAL BASE  
**Product Code** EGG-190F  
**Alternate Product Code** XF0941  
**Product Class** WATERBORNE EPOXY  
**Color** All  
**Recommended use** Paint  
**Restrictions on use** No information available

### **Manufactured For**

Benjamin Moore & Co., Limited  
8775 Keele Street  
Concord ON L4K 2N1  
Phone: 1-800-361-5898  
www.inslx.ca

### **Manufacturer**

Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
www.insl-x.com

### **Emergency Telephone**

CHEMTREC: +1 703-741-5970 / 1-800-424-9300  
+1 703-527-3887 (outside US & Canada)  
CANUTEC: 613-996-6666 (Transport Emergency Only)

## 2. HAZARDS IDENTIFICATION

### **Classification**

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

|  |            |
|--|------------|
| Acute toxicity - Inhalation (Gases)                | Category 4 |
| Skin corrosion/irritation                          | Category 2 |
| Serious eye damage/eye irritation                  | Category 1 |
| Reproductive toxicity                              | Category 2 |
| Specific target organ toxicity (single exposure)   | Category 1 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

### **Label elements**

**Danger**

### **Hazard statements**

Harmful if inhaled

Causes skin irritation  
Causes serious eye damage  
Suspected of damaging fertility or the unborn child  
Causes damage to organs  
Causes damage to organs through prolonged or repeated exposure



**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  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

IF exposed: Call a POISON CENTER or doctor/physician

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available

**CAUTION:** All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate.

**IMPORTANT:** Designed to be mixed with other components. Mixture will have hazards of all components. Before

opening packages, read all warning labels. Follow all precautions.

### 3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical name   | CAS No.    | Weight-%    | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---|------------|-------------|--|---|
| Aliphatic polyamine                                       | -          | 10 - 30%    | HMIRC # 9649   | Granted: April 21, 2016                                     |
| Talc  | 14807-96-6 | 10 - 30%    | -  | -   |
| Nepheline syenite   | 37244-96-5 | 10 - 30%    | -  | -   |
| 2-Propoxyethanol  | 2807-30-9  | 5 - 10%     | -  | -   |
| Dipropylene glycol monomethyl ether                       | 34590-94-8 | 1 - 5%      | -  | -   |
| Distillates (petroleum), solvent-refined light paraffinic | 64741-89-5 | 0.1 - 0.25% | -  | -   |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

|  |   |
|--|---|
| <b>General Advice</b>                  | Immediately call a POISON CENTER or doctor/physician.   |
| <b>Eye Contact</b>                     | Immediate medical attention is required. 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. |
| <b>Skin Contact</b>                    | Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash clothing before reuse.  |
| <b>Inhalation</b>                      | Call a physician or poison control center immediately. Move to fresh air. If not breathing, give artificial respiration.  |
| <b>Ingestion</b>                       | Never give anything by mouth to an unconscious person. Immediate medical attention is required. Drink 1 or 2 glasses of water. Do not induce vomiting without medical advice.                                       |
| <b>Protection Of First-Aiders</b>      | Use personal protective equipment.  |
| <b>Most Important Symptoms/Effects</b> | None known.   |
| <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   |
| Method   | Not applicable   |
| <b>Flammability Limits In Air</b>                            |  |
| Lower flammability limit:                                    | Not applicable   |
| Upper flammability limit:                                    | Not applicable   |

**NFPA** Health: 2      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.   |
| <b>Methods for Cleaning Up</b>   | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |

## 7. HANDLING AND STORAGE

|                 |  |
|-----------------|--|
| <b>Handling</b> | Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| <b>Storage</b>  | 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 TLV  | Alberta   | British Columbia   | Ontario  | Quebec  |
|--|--|---|--|--|---|
| Talc                                   | TWA: 2 mg/m <sup>3</sup><br>particulate matter<br>containing no<br>asbestos and <1%<br>crystalline silica,<br>respirable particulate<br>matter | 2 mg/m <sup>3</sup> - TWA   | 2 mg/m <sup>3</sup> - TWA  | 2 mg/m <sup>3</sup> - TWA  | 3 mg/m <sup>3</sup> - TWAEV   |
| Nepheline syenite                      | N/E  | N/E   | N/E  | 10 mg/m <sup>3</sup> - TWA   | N/E   |
| 2-Propoxyethanol                       | N/E  | N/E   | N/E  | 25 ppm - TWA<br>110 mg/m <sup>3</sup> - TWA<br>Danger of cutaneous<br>absorption | N/E   |
| Dipropylene glycol<br>monomethyl ether | STEL: 150 ppm<br>TWA: 100 ppm<br>S*  | 100 ppm - TWA<br>606 mg/m <sup>3</sup> - TWA<br>150 ppm - STEL<br>909 mg/m <sup>3</sup> - STEL<br>Substance may be<br>readily absorbed<br>through intact skin | 100 ppm - TWA<br>150 ppm - STEL<br>Skin absorption can<br>contribute to overall<br>exposure. | 100 ppm - TWA<br>150 ppm - STEL<br>Danger of cutaneous<br>absorption             | 100 ppm - TWAEV<br>606 mg/m <sup>3</sup> - TWAEV<br>150 ppm - STEV<br>909 mg/m <sup>3</sup> - STEV<br>Skin absorption can<br>contribute to overall<br>exposure. |

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists  
Alberta - Alberta Occupational Exposure Limits  
British Columbia - British Columbia Occupational Exposure Limits  
Ontario - Ontario Occupational Exposure Limits  
Quebec - Quebec Occupational Exposure Limits  
N/E - Not established

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Eye/Face Protection**

**Skin Protection**

**Respiratory Protection**

Safety glasses with side-shields.

Protective gloves and impervious clothing.

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**

**Odor**

**Odor Threshold**

**Density (lbs/gal)**

**Specific Gravity**

**pH**

liquid

little or no odor

No information available

10.2 - 10.6

1.22 - 1.27

No information available

|                                |                          |
|--------------------------------|--------------------------|
| Viscosity (cps)                | No information available |
| Solubility(ies)                | No information available |
| Water solubility               | No information available |
| Evaporation Rate               | No information available |
| Vapor pressure                 | No information available |
| Vapor density                  | No information available |
| Wt. % Solids                   | 45 - 55                  |
| Vol. % Solids                  | 30 - 40                  |
| Wt. % Volatiles                | 45 - 55                  |
| Vol. % Volatiles               | 60 - 70                  |
| VOC Regulatory Limit (g/L)     | < 300                    |
| Boiling Point (°F)             | 212                      |
| Boiling Point (°C)             | 100                      |
| Freezing point (°F)            | No information available |
| Freezing Point (°C)            | No information available |
| Flash point (°F)               | Not applicable           |
| Flash Point (°C)               | Not applicable           |
| Method                         | Not applicable           |
| Flammability (solid, gas)      | Not applicable           |
| Upper flammability limit:      | Not applicable           |
| Lower flammability 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          | 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

### Product Information

#### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

### Acute Toxicity

**Product Information** No information available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available

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

**Eye contact** Causes eye irritation Risk of serious damage to eyes May cause burns Severely irritating to eyes

**Skin contact** Irritating to skin. Prolonged skin contact may cause skin irritation and/or dermatitis. May cause burns.

**Inhalation** Harmful by inhalation. Causes respiratory tract irritation. Vapours may be irritating to eyes, nose, throat, and lungs. May cause additional affects as listed under "Ingestion".

**Ingestion** Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Can burn mouth, throat, and stomach.

**Sensitization** No information available.

**Neurological Effects** No information available.

**Mutagenic Effects** No information available.

**Reproductive Effects** Possible risk of impaired fertility. Possible risk of harm to the unborn child.

**Developmental Effects** No information available.

**Target organ effects** No information available.

**STOT - single exposure** May cause disorder and damage to the. Respiratory system. Digestive System.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure if swallowed. kidney.

**Other adverse effects** No information available.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity**

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

**ATEmix (oral)** 2407 mg/kg  
**ATEmix (dermal)** 11108 mg/kg  
**ATEmix (inhalation-dust/mist)** 7.9 mg/L

**Component Information**

| Chemical name   | Oral LD50            | Dermal LD50                                   | Inhalation LC50         |
|---|----------------------|---|-------------------------|
| 2-Propoxyethanol<br>2807-30-9   | = 3089 mg/kg ( Rat ) | = 870 mg/kg ( Rabbit ) = 960 µL/kg ( Rabbit ) | = 1530 ppm ( Rat ) 7 h  |
| Dipropylene glycol monomethyl ether<br>34590-94-8                       | = 5.35 g/kg ( Rat )  | = 9500 mg/kg ( Rabbit )                       | -                       |
| Distillates (petroleum), solvent-refined light paraffinic<br>64741-89-5 | > 15 g/kg ( Rat )    | > 5 g/kg ( Rabbit )                           | = 2.18 mg/L ( Rat ) 4 h |

**Chronic Toxicity**

**Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

### **Product Information**

#### **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**

No information available.

#### **Mobility in Environmental Media**

No information available.

#### **Ozone**

No information available

### **Component Information**

#### **Acute Toxicity to Fish**

No information available

#### **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

|                    |               |
|--------------------|---------------|
| <b>TDG</b>         | Not regulated |
| <b>ICAO / IATA</b> | Not regulated |
| <b>IMDG / IMO</b>  | Not regulated |

## 15. REGULATORY INFORMATION

### International Inventories

|                            |  |
|----------------------------|--|
| <b>TSCA: United States</b> | Yes - All components are listed or exempt. |
| <b>DSL: Canada</b>         | Yes - All components are listed or exempt. |

### National Pollutant Release Inventory (NPRI)

#### NPRI Parts 1- 4

This product contains the following Parts 1-4 NPRI chemicals:

None

#### NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

None

### WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 16. OTHER INFORMATION

**HMIS** -      **Health:** 2\*      **Flammability:** 0      **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

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*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.*

**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 logging onto Health Canada at [http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked\\_questions-questions\\_posees-eng.php](http://www.hc-sc.gc.ca/ewh-sem/contaminants/lead-plomb/asked_questions-questions_posees-eng.php).

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**Disclaimer**

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**End of Safety Data Sheet**