

**SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE****Product Name:** FLOORSHIELD SL RESIN COMPONENT

Synonyms:

**Uses:** Base system for non-slip concrete floor toppings**Suppliers Name:** Polymer Group Ltd  
62 Stonedon Drive, East Tamaki  
Manukau City, New Zealand  
0064 9 274-1400**Emergency Number:** Ph: 0800 999 001  
Ph: 09 916 3026**Mon-Friday 8.00 am – 5.30 pm**  
**24 hrs****2. HAZARDS IDENTIFICATION****Statement of Hazardous Nature:** Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.**HSNO Classification:** 6.1D, 6.3A, 6.4A, 6.5A, 6.5B, 9.1B**HSNO Approval Number:** HSR002503**Hazard and Precautionary Statements:****Hazard:**

Harmful if swallowed

Harmful if inhaled

Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause allergic skin reaction

Toxic to aquatic life with long lasting effects

**Prevention:**

Keep out of reach of children

Read Safety Data Sheet before use

Wash hands and face thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/clothing, eye/face protection

Wash hands thoroughly after handling

Avoid breathing dust, mist, vapours, spray, fume, gas

Use only outdoors or in a well-ventilated area

In case of inadequate ventilation wear respiratory protection

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

**Response:**

If medical advice is needed, have product container or label at hand.

Call a Poison centre or doctor/physician if you feel unwell.

See specific measures for first aid on this label

Wash contaminated clothing before reuse.

Do NOT induce vomiting.

Collect spillage

**If inhaled** – Remove to fresh air and keep at rest in a position comfortable for breathing.

Do NOT induce vomiting.

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

If experiencing respiratory symptoms call a Poison centre or doctor/physician.

**If on Skin** – Wash with plenty of soap and water.

Specific treatment (see first aid instruction on this label)

If skin irritation or rash occurs get medical advice/attention.

Take off contaminated clothing and wash before re-use.

Use a cleansing agent on skin.

Wash contaminated clothing before reuse.

**If swallowed** – Call a Poison centre or doctor/physician if you feel unwell.

Rinse mouth

Do NOT induce vomiting

**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 advice/attention.

#### **In Case of Fire:**

Use CO<sub>2</sub>, dry powder, foam.

#### **Storage:**

Store locked up.

#### **Disposal:**

Recycle wherever possible.

Bury residue in an authorised landfill.

Recycle containers if possible. If not possible, dispose of in an authorised landfill.

Containers may still present a chemical hazard/danger when empty.

If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.

Contact appropriate Waste Management Company for guidance and disposal options in your area.

Where possible retain label warnings and MSDS and observe all notices pertaining to the product.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredients:</b>	<b>Cas No:</b>	<b>%</b>
Reaction product: Bisphenol F – (Epichlorohydrin) Epoxy resin	028064-14-4	20-30
Reaction product: Bisphenol A – (Epichlorohydrin) Epoxy resin	025068-38-6	20-30
2,3-epoxypropyl neodecanoate	2671-45-5	<5
Cresyl glycidyl ether, ortho	2210-79-9	<5
Silica flour	148-60-7	20-30
Colour pigment	Mixture	10-15

### **4. FIRST AID MEASURES**

#### **EMERGENCY & FIRST AID PROCEDURES**

**Eye Contact:** Flush with water for 15 minutes. Seek medical attention.

**Skin Contact:** Remove with soap and water. If redness or rash develops, seek medical attention. Launder contaminated clothing.

**Inhalation:** Remove to fresh air. If breathing is laboured seek medical attention.

**Ingestion:** Do not induce vomiting. Give 250 ml of water or milk to drink. Seek medical attention immediately.

**Note to physician:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** CO<sub>2</sub>, dry powder, foam.

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Thermal decomposition starts above 200-250°C

## 6. ACCIDENTAL RELEASE MEASURES

### SPILLS AND DISPOSAL

**Steps to be taken in case material is released or spilled:** Absorb with sand, earth or sawdust.

**Waste Disposal Method:** Dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

### SPECIAL PRECAUTIONS AND STORAGE DATA

**Special Sensitivity (Heat, Light, Moisture):** Store in a cool dry place.

### STORAGE AND TRANSPORT

**Storage Temperature (Min/Max):** Store in a cool dry place.

**Average Shelf Life:** 12 months

## 8. EXPOSURE CONTRAS/PERSONAL PROTECTION

### EXPOSURE STANDARDS

<b>Threshold Limit Value – Time Weighted Average (TLV-TWA):</b>	Not established
<b>Threshold Limit Value – Short Term Exposure Limit (TLV-STEL):</b>	Not established
<b>Threshold Limit Value – Ceiling (TLV-C):</b>	Not established

### ENGINEERING CONTROLS

**Ventilation:** Local exhaust recommended in confined space.

### PERSONAL PROTECTION

**Skin and eye protection:** Safety goggles or face shield. Wear plastic gloves.

**Respiratory Protection:** Respirator with suitable cartridge or self-contained breathing apparatus if heated.

**FLAMMABILITY**

**Flammability Limits:** Not flammable.

**9. PHYSICAL/CHEMICAL PROPERTIES**

**Appearance & Odour:** White liquid, low odour  
**Boiling Point:** Not determined  
**Vapour Pressure:** Not determined  
**Specific Gravity:** 1.6  
**Flash Point:** 210°C  
**% Volatile by Volume:** 0%  
**Flammability Limits:** Not flammable  
**Solubility in Water:**

**10. STABILITY AND REACTIVITY****REACTIVITY DATA**

**Stability:** Stable

**Polymerisation:** May occur. Contact with caustic at 200°C can induce vigorous polymerisation.

**Incompatibility (Materials to avoid):** Acids and bases.

**Hazardous decomposition products:** None indicated.

**11. TOXICOLOGICAL INFORMATION****HEALTH EFFECTS****ACUTE:**

**Skin and Eyes:** Can cause skin irritation. May cause sensitisation in some individuals. Can cause eye irritation.

**Ingestion:** Effects are unknown.

**Inhaled:** At recommended usage temperature, this product does not constitute a hazard for inhalation.

**CHRONIC**

**Human Effects of Over Exposure:** None indicated.

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL STATEMENT**

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#### 14. TRANSPORTATION INFORMATION

U.N. No: 3082 Haz Chem Code: 2X

Dangerous Goods Class: 9

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S.

Packaging Group: III

Toxic Substances Schedule: Not applicable

#### 15. REGULATORY INFORMATION

**HSNO Approval number: HSR002503**

**HSNO Classification: 6.1D, 6.3A, 6.4A, 6.5A, 6.5B, 9.1B**

#### 16. OTHER INFORMATION

This document was reviewed and revised on 21 November 2019.

**Contact: POLYMER GROUP LTD**

**IMPORTANT NOTE:** Data quoted is typical for the product but does not constitute a specification and is based on the most accurate information available to PGL at the time of writing. All information contained herein is given in good faith but is subject to change without notice.