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**SAFETY DATA SHEET**  
**Suregrip Base resin**

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Compilation date: 22/06/2015  
Revision No: 1

**Section 1 : Identification of the substance/mixture and of the company/undertaking**

**1.1 . Product identifier**

**Product name:** Suregrip base resin

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Compositions for the building and civil engineering industries e.g. flooring compounds, adhesives, mortars and grouts, solvent free and high-solids coatings, laminating binders

**1.3. Details of the supplier of the safety data sheet**

**Company name:** THL International Ltd  
Laragh  
Castleblayney Co Monaghan Ireland  
**Tel:** +353(0)42-9745031  
**Email:** sales@thlint.com

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1 . Classification of the substance or mixture**

<b>Classification under CLP:</b>	Skin Irrit. 2: H315; Aquatic Chronic 2: H411 ; Eye Irrit. 2: H319; Skin Sens. 1 :H317
<b>Most important adverse effects:</b>	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

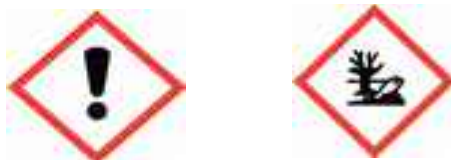
**2.2. Label elements**

**Label elements:**

**Hazard statements:** H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H411 : Toxic to aquatic life with long lasting effects.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark  
GHS09: Environmental.



**Precautionary statements:** P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P313: Get medical advice/attention.  
P501 : Dispose of contents/container to in accordance with local regulations.



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**2.3 Other hazards**

**Other hazards:** Not classified as flammable but will burn.

**PBT:** This product is not identified as a PBT/vPvB substance

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

**BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}**

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-033-5	25068-38-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1 : H317; Aquatic Chronic 2: H411	50-70%

**BISPHENOL F EPICHLOROHYDRIN RESIN WITH NUMBER AVERAGE**

-	28064-14-4	-	Skin Irrit. 2: H315; Skin Sens. 1 : H317; Aquatic Chronic 2: H411 ; Eye Irrit. 2: H319	10-30%
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**ALIPHATIC GLYCIDYLETHER**

-	68081 -84-5	-	-	10-30%
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**Contains :** Blend of liquid epoxy resin(s) and diluents

**Section 4: First aid measures**

**4.1 . Description of first aid measures**

- Skin contact:** DO NOT DELAY Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning
- Eye contact:** DO NOT DELAY Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. If rapid recovery does not occur, obtain medical attention.
- Inhalation:** No specific measures.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be irritation and redness at the site of contact

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**4.3 Indication of any immediate medical attention and special treatment needed**



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**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Foam, water spray or fog. Use water spray to cool containers. **Unsuitable extinguishing media is water in a jet.**

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Not classified as flammable but will burn. Carbon monoxide may evolve if incomplete combustion occurs.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters :** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

**Section 6: Accidental release measures**

**6.1 . Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. If the material enters drains it should be pumped out into an open vessel, emergency services should be called to assist in this operation.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Refer to section 13 of SDS for suitable method of disposal. Small spillage: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Scrub contaminated surfaces with detergent solution. Retain washings as contaminated waste. Put leaking containers in a labelled drum or overdrum. Large spillages: Transfer to a labelled container for product recovery or safe disposal - otherwise treat as for small spillage

**6.4. Reference to other sections**

**Section 7: Handling and storage**

**7.1 . Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Store at ambient temperature. Avoid incompatible materials and conditions - see section 10 of SDS

**7.3. Specific end use(s)**

**Section 8: Exposure controls/personal protection**

**8.1 . Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.



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**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area

**Respiratory protection:** Not required under normal conditions in a well-ventilated workplace. In poorly ventilated areas use an approved organic vapour cartridge mask.

**Hand protection:** Material of gloves for long term application(BTT>480min) Material of gloves for short term/splash application. Breakthrough time of the glove material > 8 hours. Nitrile gloves. Butyl gloves. Neoprene gloves. PVC gloves. Use gloves approved to relevant standards e.g. EN 374 (Europe), F739 (US) Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers

**Eye protection:** Goggles giving complete protection to eyes and eyewash bottle with clean water.

**Skin protection** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC

**Section 9: Physical and chemical properties**

**9.1 . Information on basic physical and chemical properties**

<b>State</b>	Liquid		
<b>Colour</b>	Pale yellow		
<b>Odour</b>	Barely perceptible odour		
<b>Boiling point/range°C</b>	150°C		
<b>Viscosity</b>	0,7 - 1 ,1 Pa.s : 25°C ASTM D-445	<b>Flash point°C</b>	<b>&gt;150</b>
<b>Part.coeff. n-octanol/water</b>	Not determined	<b>Autoflammability°C:</b>	ca.400°C
<b>Vapour pressure:</b>	<0.1 mbar at 20°C	<b>Relative density</b>	1 .120kg/m3 at 25°C

**9.2 Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1 Reactivity**

**10,2 Chemical stability**

**Chemical stability:** Stable under normal conditions. Reacts with strong oxidising agents

**10.3. Possibility of hazardous reactions**

**10.3 Conditions to avoid**

**Conditions to avoid:** Caustic soda can induce vigorous polymerisation at temperatures around 200°C

**10.5. Incompatible materials**

**Materials to avoid:** Strong mineral acids Caustic soda

**10.6 Hazardous decomposition products**

**Haz. decomp. products:** Hazardous decomposition products are not expected to form during normal storage. Polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperature and above Polymerises in contact with caustic soda. Reacts exothermically with bases (eg: caustic soda), ammonia, primary and secondary amines, alcohols and acids.



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**Section 11 : Toxicological information**

**11.1 . Information on toxicological effects**

**Toxicity values :**

ORL	-	LD50	>2000	mg/kg
SKN	-	LD50	>2000	mg/kg

**Hazardous ingredients:**

**BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}**

ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg

**Relevant hazards for substance:**

<b>Hazard</b>	<b>Route</b>	<b>Basis</b>
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact

**Eye contact:** There may be irritation and redness

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

**Section 12: Ecological information**

**12.1 Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Expected to be not readily Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** Bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Sinks in water. If product enters soil, one or more constituents will be mobile and may contaminate groundwater

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Sewage treatment: Expected to be practically non toxic, LC/EC/IC 50> 100mg/l



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**Section 13: Disposal considerations**

**13.1 . Waste treatment methods**

<b>Disposal operations :</b>	Recover or recycle if possible, otherwise, incinerate. Dispose to licensed disposal contractor
<b>Disposal of packaging:</b>	Drain container thoroughly. Rinse three times with suitable solvent Treat rinsings as for product disposal. After draining, vent in a safe place away from sparks and fire Where practical, containers and packaging should be recycled by a licensed contractor. Arrange for collection by specialised disposal company. <b>NB:</b> The recommendations given are considered appropriate for safe disposal. However, local regulations may be more stringent and these must be complied with.

**Section 14: Transport information**

**14.1 . UN number**

**UN number:** UN3082

**14.2. UN proper shipping name**

**Shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(LIQUID EPOXY RESIN,ALIPHATIC GLYCIDYL ETHER)

**14.3 Transport hazard class(es)**

**Transport class:** 9

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** Yes

**Marine pollutant:** No

**14.6. Special precautions for user**

**Tunnel code:** E

**Transport category:** 3

**Section 15: Regulatory information**

**15.1 . Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. Chemical Safety Assessment**



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**Section 16: Other information**

**Other information**

<b>Other information:</b>	Notification status: EU - EINECS : Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer. USA - TSCA : Included on Inventory Canada - DSL : Included on Inventory Australia - AICS : Included on Inventory. IECSC : All components listed. KECI (KR) : All components listed. Philippines - PICCS : Included on Inventory.
<b>Phrases used in s.2 and s.3:</b>	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H411 : Toxic to aquatic life with long lasting effects
<b>Legal disclaimer:</b>	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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