

## SDS: Gripfast Base

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**Product** Gripfast Base Component  
**Company Name** Urban Hygiene Ltd  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous Ingredients** Mixture of Epoxy Resin and reactive diluent

Name	EC No	CAS -No	Content	Symbol	R Phrase
Bisphenol A=Epichlorhydrin Resin with no. average M.W. = 700	500-006-8	028064-14-4	34-42%	Xi,N	R36/38 R43 R51 R53
Bisphenol F = Epoxy Resin		9003-36-5	14-20%	Xi N	R36/38 R43 R51 R53
C <sub>12</sub> -C <sub>14</sub> aliphatic Glycidyl Ether		68609-97-2	6-12%	Xi,N	R36/38 R43 R51 R53

### 3. HAZARDS IDENTIFICATION

**Main Hazards** Irritating to eyes and skin. May cause sensitisation by skin contact. Not classified as flammable but will burn.

### 4. FIRST AID MEASURES

**Skin contact** Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention.

**Eye contact** Immediately flush eyes with running water for at least 15 minutes without interruption.

**Ingestion** Seek medical advice.

**Inhalation** **DO NOT** induce vomiting. If rapid recovery does not occur obtain medical attention. No specific measures. Remove to fresh air in case of indisposition.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media** Dry powder, Carbon Dioxide, Water spray.

**Exposure hazards** Carbon Monoxide may be evolved if incomplete combustion occurs.

**Protection of fire-fighters** Wear full protective clothing and self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid skin, eye and clothing contact. Provide sufficient ventilation during use.
<b>Environmental precautions</b>	Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed
<b>Clean-up procedures</b>	Shovel up and place in a labelled, sealable container for subsequent disposal.

## 7. HANDLING AND STORAGE

<b>Handling requirements</b>	Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.
<b>Storage conditions</b>	Avoid temperatures below 5°C. Store at ambient temperatures.
<b>Suitable packaging</b>	Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure there is sufficient ventilation of the area.
<b>Hand protection</b>	Protective gloves of PVC or rubber.
<b>Eye protection</b>	Mono-goggles.
<b>Skin protection</b>	Standard issue work clothes. Safety boots/shoes; chemical resistant.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>State</b>	Liquid.
<b>Colour</b>	As indicated on product label
<b>Odour</b>	Slight
<b>Solubility in water</b>	Negligible 1.20 – 1.36/cm <sup>3</sup> @20°C.
<b>Density</b>	>200°C
<b>Flash point °C</b>	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions. Thermal decomposition not applicable under normal conditions.
<b>Conditions to avoid</b>	Temperatures above 95°C.
<b>Materials to avoid</b>	Acids, Strong Oxidising Agents, and Caustic Soda. Carbon Dioxide, Carbon Monoxide.
<b>Hazard Decomposition Products</b>	

## 11. TOXICOLOGICAL INFORMATION

<b>Ingestion</b>	LD50 Acute oral toxicity in rats : >2000mg/kg.
<b>Eye Contact</b>	Eye irritation tested in rabbits : Irritant
<b>Skin Contact</b>	Skin irritation tested in rabbits : Irritant
<b>Mutagenicity</b>	Negative Ames test.

## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Readily absorbed into soil. Prevent contamination of soil, drains or surface water.
<b>Bioaccumulative potential</b>	Material sinks in water and has the potential to Bio-accumulate.
<b>Other adverse effects</b>	Not readily Bio-degradable (Sturm Test), Toxic to aquatic organisms

## 13. DISPOSABLE CONSIDERATIONS

Recover or recycle if possible. Otherwise dispose to licensed disposal contractor.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN no</b>	3082	<b>ADR Class</b>	9
<b>Packing Group</b>	III	<b>Classification code</b>	C11
<b>Proper Shipping Name</b>	Environmentally Hazardous Substance, Liquid n.o.s (Bisphenol A Epoxy Resins)	<b>Risk no</b>	90

### IMDG/IMO

<b>UN no</b>	3082	<b>Class</b>	9
<b>Packing Group</b>	III	<b>EmS</b>	F-A S-F
<b>Marine Pollutant</b>	Y	<b>Labelling</b>	9

### IATA/ICAO

<b>UN no</b>	3082	<b>Class</b>	9
<b>Packing Group</b>	III	<b>Packing Instruction</b>	914 (cargo/passenger aircraft)
<b>Labelling</b>	9		

## 15. REGULATORY INFORMATION

<b>Hazard Symbol</b>	Xi, Irritant. N, Dangerous to the environment.		
<b>Risk Phrases</b>	R36/38, Irritating to eyes and skin. R43, May cause sensitization by skin contact. R51, Toxic to aquatic organisms R53, May cause long-term adverse effects in the aquatic environment.		
<b>Safety Phrases</b>	S24, Avoid contact with skin. S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28, After contact with skin, wash immediately with soap and water. S37/39, Wear suitable protective clothing, gloves, and eye/face protection. S61, Avoid release to the environment.		

## 16. OTHER INFORMATION

**Other information** Read in conjunction with the appropriate curing agent component Safety Data Sheet.

**Legal disclaimer:** The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. If data is more than 12 months old then data should only be used after checking with Urban Hygiene office.

The information in this SDS is meant only as a description of the safety requirements of our product