TrafficGrip Part A
Material Safety Data Sheet

TRAFFIC CALMING USA
Making our roads safer!

Revision: 9/16/10

Recommended uses:	For combining with TrafficGrip Part B to form a chemically curing binder which when gritted with calcined bauxite aggregate, creates a highly skid-resistant surfacing.
Known misuses / abuses:	Not known.

1 Identification of the Substance / Preparation and of the Company / Undertaking

Product:	TrafficGrip Part A Component
Company:	Traffic Calming USA
Address:	110 Thompson Rd Suite 102A Hiram, GA 30141
Telephone:	770 505 4044
Emergency Telephone:	404 512 1792

2 Hazard Identification

Irritating to eyes and skin. Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment.

3 Composition / Information on Ingredients

Ingredient	%W/W	CAS No	Symbol(s)	Risk Phrase(s)
Bisphenol A Resin	>80%	25068-38-6	Xi	R36/38-43-51/53
Composition based on synthetic hydrocarbons	>10%	68131-80-6, 63393-89-5, 38640-62-9		

4 First Aid Measures

Inhalation	In cases of extreme nausea (unlikely) keep at rest until recovered. If NOT rapid seek medical attention.
Skin	Clean skin with resin removing cream followed by washing with warm soapy water.
Eyes	Irrigate eyes with copious amounts of water holding the eyelids apart. Continue to rinse for at least 15 minutes. Seek medical attention
Ingestion	(Unlikely) – Seek medical advice.

5 Fire-Fighting Measures

Extinguisher with Carbon Dioxide (CO_2), dry powder, foam, sand or earth if the fire is small. Keep well clear of fumes.

6 Accidental Release Measures

If possible shut off source. Contain spillage. Use absorbent material (sawdust, sand, earth etc). If it has entered a water course in large quantities inform the Police and Water Authority at once. Dispose of as para 13.

7	Handling and Storage

Handling:

(a) When pumping to/from bulk containers, take proper safeguards against pressure build up. Check hoses and connections for serviceability.

(b) The laying process requires the wearing of gloves, overalls, and boots.

(c) Use a barrier cream (Kerodex 71 or Rozalex No 9). PVC or Neoprene gloves essential.

(d) Mechanical handling of palletized products reduces the hazards of manual lifting. Where manual lifting is unavoidable use correct lifting techniques.

Storage:

(a) Keep in cool, well ventilated place out of direct sunlight and away from sources of heat and naked flames. Keep in securely closed containers.

(b) Drums should be adequately chocked to prevent rolling. Roll/agitate drums before use. Protect from frost.

(c) If stored in bulk containers, material should be heated and homogenized fully before transfer to application equipment.

8	Exposure Controls / Personal Protection Exposure Limit Values
There are no workplace limits given in applicable to TrafficGrip Part A.	
Recommended Protective Clothing	Gloves, overalls and rubber gloves.

9	Physical and Chemical Properties
Physical State	Fluid at ambient
Appearance	Clear to straw color
Odor	Resinous
Acidity/Alkalinity	Neutral
Solubility - Water Solubility - Fat Solubility/Solvent	Insoluble
Density at 122°F	Approx 1.00 g/ml
Partition Coefficient, N-Octanol water:	N/A
Viscosity at 59°F	Approx 120 Poise

10	Stability and Reactivity
Conditions to Avoid	DO NOT heat above 158°F.
Materials to Avoid	Accidental contact with opposite component.
Decomposition Products	Exothermic reaction with opposite component.

11	Toxicological Information
Acute Health Hazards and Advice	Sensitisation of skin.
Precautions	Use barrier cream and protective clothing. Avoid splashing.

	First Aid	Wipe off excess, wash thoroughly in warm soapy water. If itching persists seek medical advice.
12	**Ecological Information**	
	Raw materials used in TrafficGrip Part A are thought to be toxic to aquatic organism and may cause long term effects in the aquatic environment. If material enters the watercourse in large quantities advise the Police and Water Authority.	
13	**Disposal Considerations**	
	Dispose as a special waste in accordance with local by-laws and regulations.	
14	Transport Information	
	Not classified as dangerous under regulations, but Traffic Calming USA adopts the CIA black and white marker scheme: sign 2X	
15	**Regulatory Information**	
	Symbols	**Xi** – Irritant **N** – Dangerous for the environment
	Risk Phrases	R36/R38 – Irritating to eyes and skin. R43 – May cause sensitisation by skin contact. R51/53 – Toxic to aquatic organisms, may cause long term adverse effects in aquatic environments.
	Safety Phrases	S28 – After contact with skin, wash immediately with plenty of soap and water. S37/39 – Wear suitable protective clothing. S24 – Avoid contact with skin. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S61 – Avoid release to the environment. Refer to special instructions/safety data sheets before use.
	Contains	Epoxy Resin (Number average molecular weight <700).
	Other information to appear on label	Contains epoxy constituents – see information supplied by manufacturers.
16	**Other Information**	
	The references set out below give further information on specific aspects	
	Legislation	Chemical (Hazards, Information and Packaging for Supply) Regulations Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations Control of Substances Hazardous to Health Regulations The Reporting of Injuries, Diseases and Health Regulations Environment Protection Act

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