TrafficGrip Part B
Material Safety Data Sheet

TRAFFIC CALMING USA
Making our roads safer!

Revision: 9/16/10

Recommended uses:	For combining with Spraygrip "LT" A to form a chemically curing binder which when gritted with calcined bauxite aggregate, creates a highly skid-resistant surfacing. The binder can be pigmented and used with colored aggregates.
Known misuses / abuses:	Not known.

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

Product:	TrafficGrip Part B 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

Slightly corrosive. Contact with liquid causes damage to eyes, skin and air passages. The vapor causes strong irritation on air passages. Harmful to aquatic organisms.

3 Composition / Information on Ingredients

Ingredient	%W/W	CAS No	Symbol(s)	Risk Phrase(s)
Composition based on synthetic hydrocarbons	>80%	24157-81-1	None	None
Diethylenetriamine	>10%	111-40-0	C	R21/22-34-43

4 First Aid Measures

Inhalation	Seek medical aid in the event of inhaling toxic smoke from a fire. Remove heavily contaminated overalls and clothing.
Skin	If splashed onto the skin wash with water and seek medical attention immediately.
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 rubber 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 kinetic 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

EH40/2005 Values are:

Ingredient	**8hr TWA**		**15min STEL**	
	ppm	**Mg/m^3**	**ppm**	**Mg/m^3**
Diethylenetriamine (Sk)	1	4.3	-	-

Recommended Protective Clothing	Gloves, overalls and rubber gloves.

9 Physical and Chemical Properties

Physical State	Viscous fluid
Appearance	Brown
Odor	Characteristic
Acidity/Alkalinity	Milky alkaline
Solubility - Water Solubility - Fat Solubility/Solvent	Partial leaching Soluble in hydrocarbons
Density at 122 °F	Approx 1.00 g/ml
Partition Coefficient, N-Octanol water:	N/A
Viscosity at 59°F	Approx 140 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	Toxic if absorbed. 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 B are thought to be toxic to aquatic organisms 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	
	The following information is applicable to TrafficGrip Part B:	
	UN No	1760
	Proper Shipping Name	CORROSIVE, LIQUID, ORGANIC, N.O.S.
	Class(es)	8
	Hazard Identification No	80
	Packing Group	III
	Hazchem Code	2X
15	**Regulatory Information**	
	Symbols	CORROSIVE
	Risk Phrases	R21/22 – Harmful in contact with skin and if swallowed. R34 – Causes burns. R43 – May cause sensitisation by skin contact. R51/53 – Toxic to aquatic organisms, may cause long term adverse effects in aquatic environments.
	Safety Phrases	S26 – In case of contact with eyes rinse immediately with plenty of water and seek medical advice. S36/37/39 – Wear suitable protective clothing. S45 – In case of accident or if you feel unwell seek medical advice immediately (show label where possible). S53 – Avoid exposure – obtain special instruction before use. S61 – Avoid release to the environment. Refer to special instructions/safety data sheets before use.
	Contains	Diethylenetriamine.

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

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