



QUICK DRY CONCRETE PRIMER PENETRATING SOLUTION

MATERIAL SAFETY DATA SHEET

GATOR GRIP QUICK DRY CONCRETE PRIMER PENETRATING SOLUTION

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Gator Grip Quick Dry Concrete Primer Penetrating Solution
Manufacturer / Final product Composer:	Asphatech Limited
Address:	#60 King Street, Princes Town, Trinidad, W.I.
Fax / Technical Phone:	Fax: (868) 655-3418 Technical: (868) 681-8326
Website:	asphatech.com
Date Created / Revised:	Date Created: 14/06/2005 Date Revised: 03/05/2023
Material Product Code:	GGQDCP

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS — Chemical name / common names (Hazardous components 1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Asphalt Base	-	5mg / M ³	5mg / M ³	Ceiling of 10mg / M ³
Volatile Petroleum Solvents	-	100 ppm	350mg / M ³	Max. ¼ hr. 1,800mg / M ³

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	156.11°C	Specific gravity (H2O =1)	> 1.0
Vapor pressure (mm Hg & Temp)	ND	Melting Point	ND
Vapor Density (Air =1)	ND	Evaporation rate (butyl acetate=1)	ND
Solubility in water	Insoluble	Water reactive	None
Appearance & Odor	GLOSS PAINT. Dark color, viscous liquid, petroleum odor when thoroughly stirred		

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point & Method Used:	60°C Method used: NFPA
Auto ignition temperature:	>120°C
Flammability limits in air % by volume:	LEL: 0.9% UEL: 6.0%
Extinguisher Media:	Dry Chemical, foam, water fog
Special fire-fighting procedures:	None
Unusual fire & explosion hazards:	Petroleum-based compounds can float in water.

SECTION 5: FIRE-FIGHTING MEASURES / REACTIVITY

Reactivity / Combustion:	Upon combustion: CO and CO2 are formed.
Advice for firefighters / Instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures:	Absorb spillage to prevent material damage. Isolate from fire, if possible, without unnecessary risk. No flames, no sparks. Eliminate all sources of ignition. Remove ignition sources.
For non-emergency personnel:	Protective clothing. Gloves. Evacuate unnecessary personnel.
For emergency responders:	Equip cleanup crew with proper protection. Ventilate area.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods for containment & cleaning up:	Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Do not breathe fume, spray, vapours.
Handling & Storage temperature:	< 43°C
Hygiene measures:	Do not eat, drink or smoke when using this product. Wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking.
Storage conditions & packaging:	Keep only in the original container in a cool, well-ventilated place away from ignition sources. Keep container closed when not in use. Meet legal requirements. Correctly labelled.
Incompatible products & materials:	Strong bases. Strong acids. Sources of ignition.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	Petroleum White Mineral Spirit (8052-41-3) & Stoddard solvent
Personal protective equipment:	Avoid all unnecessary exposure.
Protective clothing code:	PICM010
Hand / Eye / Body / Respiratory:	Wear protective gloves. Chemical goggles or safety glasses. Wear suitable protective clothing. Wear appropriate mask.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state & Appearance	Liquid GLOSS PAINT	Colour & Odour	Black Petroleum-like odour
Boiling point	43°C	Flash point	37°C
Relative density	1.02 - 1.20 (0.92)	Percent Solids	< 25%
Vapour pressure	0.293 kPa at 20°C	Density	8 - 9
Solubility	Water: 0% Acetone: g/100ml Organic solvent: 100%		

SECTION 10: STABILITY AND REACTIVITY

Reactivity / Combustion:	Upon combustion: CO and CO2 are formed.
Chemical stability / Reactions:	Not established. Hazardous reactions not established.
Conditions to avoid:	No flames, no sparks. Eliminate all sources of ignition. Direct sunlight. Extremely high or low temperatures.
Incompatible materials:	Strong acids. Strong bases.
Hazardous decomposition:	Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified (Lack of data)
Asphaltic bitumen (8052-42-4):	LD50 oral rat: > 2000 mg/kg LD50 dermal rabbit: > 2000 mg/kg
Germ cell mutagenicity / Carcinogenicity:	May cause genetic defects (Dermal, Inhalation). May cause cancer (Inhalation, Dermal).

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity / Bioaccumulation:	Mineral spirits / Stoddard solvent (8052-41-3): Log Pow 3.16 - 7.06
Persistence & degradability:	Asphaltic bitumen (8052-42-4): Not readily biodegradable in water.
Other adverse effects:	Avoid release to the environment. No known ecological damage caused by this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment & disposal:	Dispose of contents/container in accordance with licensed collector's sorting instructions and local/national regulations. Industrial waste. Avoid release to the environment.
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SECTION 14: TRANSPORT INFORMATION

DOT / UN-No. / Group:	Combustible Liquid - DOT 49 CFR 173.150 SUB.PAR.F. Unregulated, III Packing Group III - Minor Danger
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SECTION 15 & 16: REGULATORY & OTHER INFORMATION

US Federal Regulations:	Asphaltic bitumen, not cut back (8052-42-4) is listed on the United States TSCA (Toxic Substances Control Act) inventory.
Abbreviations Legend:	ND = Not Determined