



RUBBERIZED FOUNDATION COATING

MATERIAL SAFETY DATA SHEET

GATOR GRIP RUBBERIZED FOUNDATION COATING

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gator Grip Rubberized Foundation Coating

Manufacturer / Final Product Composer: Asphatech Limited

Address: #60 King Street, Princes Town, Trinidad, W.I., 850323

Fax: (868) 655-3418 **Technical:** (868) 681-8326 **Website:** asphatech.com

Material Product Code: GGRFC

Date Created: 14/06/2005 **Date Revised:** 03/05/2023

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS — Chemical name / common name (Hazardous components 1% or greater, carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Special blended Asphalt Base	<65%	5mg / M3	5mg / M3	Ceiling of 10mg / M3
Petroleum White Mineral Spirits	<22%	100 ppm	350mg / M3	Max. 3hr. 1,800mg / M3
Cellulose fibers / asbestos free	<7%	As dust	10mg / M3	—
SBS Rubber Powder	<6%	As dust	10mg / M3	—

WHMIS CLASSIFICATION:

- Class B, Division 2 Flammable Liquids
- Class D, Division 2b, Materials Causing other toxic effects

TDG CLASSIFICATION:

Tars, Liquid, Class 3, UN 1999 Packing Group III

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific gravity (H2O =1)	>1.0
Vapor pressure (mm Hg and Temp)	ND	Melting Point	ND
Vapor Density (Air =1)	ND	Evaporation rate (butyl acetate=1)	ND
Solubility in water	insoluble	Water reactive	None
Appearance and odor	Dark color, viscous liquid, petroleum odor when stirred.		

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point: 37°C Method used: NFPA	Auto ignition temperature: 204°C	Flammability limits in air % by volume:	LEL: 0.9% UEL: 6.0%
Extinguisher Media	Dry Chemical, Foam, Carbon dioxide (CO2), Water spray, Sand. Do not use a heavy water stream.		
Special Fire-Fighting Procedures	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.		
Unusual Fire and Explosion Hazards	Petroleum-based compounds can float on water. Combustible liquid. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May form flammable/explosive vapour-air mixture. Upon combustion: CO and CO2 are formed.		

SECTION 5: FIRST AID MEASURES

General Measures: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation:	Allow victim to breathe fresh air. Allow the victim to rest.
Skin Contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye Contact:	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Most Important Symptoms (Acute & Delayed):	There are potential chronic health effects to consider. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause an allergic skin reaction. May cause moderate irritation. Eye irritation. ON CONTINUOUS/REPEATED EXPOSURE/CONTACT.
Indication of Immediate Medical Attention:	Treat symptomatically.

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.
Non-Emergency Personnel:	Protective clothing. Gloves. Evacuate unnecessary personnel.
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.
Clean-up Methods:	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

Handling Precautions:	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 Temperature:	< 43°C (< 110°F)
Hygiene Measures:	Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.
Storage Conditions:	Keep only in the original container in a cool, well ventilated place away from ignition sources. Keep container closed when not in use. Store locked up.
Incompatible Materials:	Strong bases. Strong acids. Sources of ignition.
Storage Temperature:	< 43°C

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	See Section 2 for ingredient exposure limits (OSHA PEL & ACGIH TLV).
Personal Protective Equipment:	Avoid all unnecessary exposure.
Hand Protection:	Wear protective gloves.
Eye Protection:	Chemical goggles or safety glasses.
Skin & Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	Wear appropriate mask.
Other Information:	Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid Slurry	Relative Vapor Density (20°C)	No data available
Appearance & Colour	Black Slurry Mix	Relative Density	1.02 - 1.12
Odour	Petroleum-like odour	Density	8 - 9 lbs/gal
pH / Odour Threshold	No data available	Percent Solids	> 75 %
Boiling Point	> 120°C	Solubility	

			Water: 0% Organic solvent: ~100%
Flash Point	105°F (37.77°C)	VOC Content	< 250 g/l
Vapour Pressure	0.293 kPa at 20°C	Auto-ignition Temp	204°C

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Upon combustion: CO and CO ₂ are formed.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Not established under normal conditions.
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 Products:	Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified (Lack of data)
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Component / Specie	Endpoint	Value
Asphaltic Bitumen, not cut back (8052-42-4)	LD50 oral rat	> 2000 mg/kg (Rat)
	LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

Skin Corrosion / Irritation:	Not classified
Serious Eye Damage / Irritation:	Not classified
Respiratory / Skin Sensitisation:	Not classified
Germ Cell Mutagenicity:	May cause genetic defects (Dermal, Inhalation).
Carcinogenicity:	May cause cancer (Inhalation, Dermal). • Asphaltic bitumen (8052-42-4): IARC Group 3 - Not classifiable • SBR-latex (9003-55-8): IARC Group 3 - Not classifiable
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity:	Causes damage to organs (central nervous system, eye, skin, lung, liver) through prolonged or repeated exposure (Dermal, Inhalation).

SECTION 12: ECOLOGICAL INFORMATION

Component	Parameter	Value
Asphaltic Bitumen, not cut back (8052-42-4)	LC50 fish 1	> 1000 mg/l (96 h; Pisces)
	LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
	Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)

Persistence & Degradability:	Asphaltic bitumen: Not readily biodegradable in water. SBR-latex: Biodegradability in water - no data available.
Bioaccumulative Potential:	Asphaltic bitumen: Log Pow > 6 (Calculated) - Not bioaccumulative. Stoddard solvent: Log Pow 3.16 - 7.06. SBR-latex: No bioaccumulation data available.
Mobility in Soil:	No additional information available.
Other Adverse Effects:	Avoid release to the environment. No known ecological damage caused by this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste Disposal Recommendations:	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to remove waste in accordance with local and/or national regulations.
Ecology - Waste Materials:	Avoid release to the environment. Industrial waste.

SECTION 14: TRANSPORT INFORMATION

DOT (USA):	Combustible Liquid - DOT 49 CFR 173.150 SUB.PAR.F. Unregulated, III
UN-No. (DOT):	UN1999
Proper Shipping Name:	Tars, Liquid
Class / Packing Group:	Class 3 / Packing Group III - Minor Danger
ADR / Sea / Air Transport:	No additional information available.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:	Asphaltic bitumen, not cut back (8052-42-4): Listed on the United States TSCA (Toxic Substances Control Act) inventory.
WHMIS Classification:	Class B, Division 2 Flammable Liquids; Class D, Division 2b, Materials Causing other toxic effects.

SECTION 16: OTHER INFORMATION

Full Text of H-Phrases:	• Asp. Tox. 1: Aspiration hazard, Category 1 • Carc. 1B / 2: Carcinogenicity, Category 1B / Category 2 • Flam. Liq. 2: Flammable liquids, Category 2 • Muta. 1B: Germ cell mutagenicity, Category 1B • STOT RE 1: Specific target organ toxicity — Repeated exposure, Category 1 • H225: Highly flammable liquid and vapour • H304: May be fatal if swallowed and enters airways • H317: May cause an allergic skin reaction • H340: May cause genetic defects • H350 / H351: May cause cancer / Suspected of causing cancer • H372: Causes damage to organs through prolonged or repeated exposure
HMIS III Rating:	Health: 2 Moderate Hazard - Temporary or minor injury may occur Flammability: 2 Moderate Hazard Physical: 0 Minimal Hazard Personal Protection: p
Disclaimer:	All information contained in this MSDS/SDS is based on current technical data believed to be accurate and reliable. Additions of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since these conditions are outside our control, we furnish this MSDS/SDS without any express or implied warranties.