



**MARINE GRADE
BITUMINOUS BLACK PAINT/SEMI-ENAMEL**

MATERIAL SAFETY DATA SHEET

GATOR GRIP MARINE GRADE BITUMINOUS BLACK PAINT SEMI-ENAMEL

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gator Grip Marine Grade Bituminous Black Paint
Manufacturer / Final product Composer: Asphatech Limited
Address: #60 King Street, Princes Town, Trinidad, W.I.
Fax: (868) 655-3418 **Technical:** (868) 681-8326 **Website:** asphatech.com
Material Product Code: GGMBBP
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 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	<3%	As dust	10mg / M3
Enamel resin / pigment powder	<10%	As dust	10mg / M3

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	156.11 °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

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point >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.		
Special fire-fighting procedures	N/A		
Unusual fire and explosion hazards	petroleum-based compounds can float in water.		

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 5: FIRST AID MEASURES

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Most important symptoms and effects, both acute and delayed:

Symptoms/injuries: There are potential chronic health effects to consider.

Symptoms/injuries after inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause an allergic skin reaction.

Symptoms/injuries after skin contact: May cause an allergic skin reaction. May cause moderate irritation.

Symptoms/injuries after eye contact: Eye irritation.

Chronic symptoms: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 6: FIREFIGHTING MEASURES

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Fire hazard: Combustible liquid.

Explosion hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May form flammable/explosive vapour-air mixture.

Reactivity: Upon combustion: CO and CO₂ are formed.

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 7: 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 and 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 8: 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 temperature: < 43 °C

Hygiene measures: Do not eat, drink or smoke when using this product. Wash Always wash hands after handling the product. 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: Keep container closed when not in use. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition.

Storage temperature: < 43 °C

Heat and ignition sources: KEEP SUBSTANCE AWAY FROM: ignition sources.

Prohibitions on mixed storage: No data available.

Storage area: Meet the legal requirements.

Special rules on packaging: Keep only in original container. Meet the legal requirements. Store in a closed container, correctly labelled.

SECTION 9: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gator Grip Marine Grade Bituminous Black Paint	
ACGIH	Not applicable
OSHA	Not applicable
asphaltic bitumen, not cut back (8052-42-4)	
OSHA	Not applicable
Enamel Resin (61790-12-3)	
cellulose (9004-34-6)	
OSHA	Not applicable
Petroleum White Mineral Spirit (8052-41-3)	
ACGIH	Not applicable
OSHA	Not applicable

Personal protective equipment: Avoid all unnecessary exposure.

Materials for protective clothing: PICM010.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate mask.

Other information: Do not eat, drink or smoke during use.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Black Gloss Paint
Colour	Black
Odour	Petroleum-like odour
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	156.11 °C
Flash point	60 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	0.293 kPa at 20 C
Relative vapour density at 20 °C	No data available
Relative density	.92
Percent Solids	<25%

SECTION 11: STABILITY AND REACTIVITY

Reactivity: Upon combustion: CO and CO2 are formed.

Chemical stability: Not established.

Possibility of 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 products: fume. Carbon monoxide. Carbon dioxide.

SECTION 12: TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified (Lack of data)

asphaltic bitumen, not cut back (8052-42-4)	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
cellulose (9004-34-6)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 6 mg/l/4h (Rat)

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: May cause genetic defects (Dermal, Inhalation).

Carcinogenicity: May cause cancer (Inhalation, Dermal).

asphaltic bitumen, not cut back (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 (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Causes damage to organs (central nervous system, eye, Skin, lung, liver) through prolonged or repeated exposure (Dermal, Inhalation).

Aspiration hazard: Not classified

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

SECTION 13: ECOLOGICAL INFORMATION

Toxicity:

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)
cellulose (9004-34-6)	
LC50 fish 1	> 100 mg/l (Pisces)
EC50 Daphnia 1	> 100 mg/l (Invertebrata)
Threshold limit algae 1	> 100 mg/l (Algae)

Persistence and degradability:

asphaltic bitumen, not cut back (8052-42-4)	
Persistence and degradability	Not readily biodegradable in water.
cellulose (9004-34-6)	
Persistence and degradability	Biodegradable in water.

Bioaccumulative potential:

asphaltic bitumen, not cut back (8052-42-4)	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative.
cellulose (9004-34-6)	
Bioaccumulative potential	Bioaccumulation: not applicable.

Mobility in soil: No additional information available

Effect on global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

SECTION 14: 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.

Additional information: Industrial waste.

Ecology - waste materials: Avoid release to the environment.

SECTION 15: TRANSPORT INFORMATION

In accordance with DOT Transport document description: Combustible Liquid - DOT 49 CFR 173.150 SUB.PAR.F. Unregulated, III

UN-No.(DOT): Combustible Liquid - DOT 49 CFR 173.150 SUB.PAR.F. Unregulated

Packing group (DOT): III - Minor Danger

Other information: No supplementary information available.

SECTION 16: REGULATORY INFORMATION

US Federal regulations:

cellulose (9004-34-6)	Listed on the United States TSCA (Toxic Substances Control Act) inventory
kaolin (1332-58-7)	Listed on the United States TSCA (Toxic Substances Control Act) inventory
Stoddard solvent (8052-41-3)	Listed on the United States TSCA (Toxic Substances Control Act) inventory
asphaltic bitumen, not cut back (8052-42-4)	Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State regulations:

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	
asphaltic bitumen, not cut back (8052-42-4)	U.S. - New Jersey - Right to Know Hazardous Substance List			
cellulose (9004-34-6)	U.S. - New Jersey - Right to Know Hazardous Substance List			
kaolin (1332-58-7)	U.S. - New Jersey - Right to Know Hazardous Substance List			

SECTION 16: OTHER INFORMATION

Other information: None.

Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Carc. 2	Carcinogenicity, 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
H340	May cause genetic defects
H351	Suspected of causing cancer
H350	May cause cancer

HMIS III Rating:

Health: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability: 2 Moderate Hazard

Physical: 0 Minimal Hazard

Personal Protection: p

ZLF-PMS 364 CUSTOM TEMPLATE

All information contained in this MSDS 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 without any express or implied warranties.