

PREMIUM FIBRATED GRADE WET/DRY FLEXIBLE ROOF PATCH

MATERIAL SAFETY DATA SHEET

GATOR GRIP PREMIUM FIBRATED GRADE FLEXIBLE ROOF PATCH
SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	:	**Gator Grip Premium Fibrated Grade Flexible Roof Patch**
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:** GGBGRP
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	
Rubber Solution / Polymer Powder	<4%	As dust	10mg / M3	
Clay	<6%	As dust	10mg / M3	

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	156°C	**Specific gravity (H2O =1)**	>1.0
Vapor pressure (mm Hg and. Temperature)	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, thick paste, petroleum odor when stirred.			

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point: 80°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.				
Special fire-fighting procedures: N / A				
Unusual fire and explosion hazards: petroleum-based compounds can float in water.				

SECTION 5: FIRST AID MEASURES

Description of 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

Extinguishing media

Suitable extinguishing media	:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

Special hazards arising from the substance or mixture

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.

Advice for firefighters

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

Personal precautions, protective equipment and emergency procedures

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 equipment	:	Protective clothing. Gloves.
Emergency procedures	:	Evacuate unnecessary personnel.

For emergency responders

Protective equipment	:	Equip cleanup crew with proper protection.
Emergency procedures	:	Ventilate area.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up

For containment	:	Collect spillage.
Methods for cleaning up	:	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 8: HANDLING AND STORAGE

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities

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.
Packaging materials	:	No data available.

Specific end use(s)

No additional information available

SECTION 9: EXPOSURE CONTROLS / PERSONAL PROTECTION

9.1. Control parameters

asphaltic bitumen, not cut back (8052-42-4)	
OSHA	Not applicable
attapulgite (12174-11-7)	
ACGIH	Not applicable
OSHA	Not applicable
cellulose (9004-34-6)	
OSHA	Not applicable
kaolin (1332-58-7)	
OSHA	Not applicable
Petroleum White mineral Spirit (8052-41-3)	
ACGIH	Not applicable
OSHA	Not applicable

9.2. Exposure controls

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

10.1. Information on basic physical and chemical properties

Physical state	:	PASTE
Appearance	:	BLACK FIBERED PASTE
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°C
Flash point	:	80°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	:	1.02 - 1.12
Density	:	8 - 9
Percent Solids	:	> 75 %
Solubility	:	Water: 0 % Acetone: ≈ g/100ml Organic solvent: ≈ 100 %
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Explosive limits	:	No data available

10.2. Other information

VOC content	:	< 250 (≤ 250) g/l

SECTION 11: STABILITY AND REACTIVITY

11.1. Reactivity	:	Upon combustion: CO and CO2 are formed.
11.2. Chemical stability	:	Not established.
11.3. Possibility of hazardous reactions	:	Not established.
11.4. Conditions to avoid	:	No flames, no sparks. Eliminate all sources of ignition. Direct sunlight. Extremely high or low temperatures.
11.5. Incompatible materials	:	Strong acids. Strong bases.
11.6. Hazardous decomposition products	:	fume. Carbon monoxide. Carbon dioxide.

SECTION 12: TOXICOLOGICAL INFORMATION

Information on toxicological effects

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
attapulgite (12174-11-7)	
IARC group	2B - Possibly carcinogenic to humans, 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.
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:

SECTION 13: ECOLOGICAL INFORMATION

12.1. 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)

12.2. Persistence and degradability

asphaltic bitumen, not cut back (8052-42-4)	
Persistence and degradability	Not readily biodegradable in water.
attapulgite (12174-11-7)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
cellulose (9004-34-6)	
Persistence and degradability	Biodegradable in water.
kaolin (1332-58-7)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
SBR-latex (9003-55-8)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

asphaltic bitumen, not cut back (8052-42-4)	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative.
attapulgite (12174-11-7)	
Bioaccumulative potential	No bioaccumulation data available.
cellulose (9004-34-6)	
Bioaccumulative potential	Bioaccumulation: not applicable.
kaolin (1332-58-7)	
Bioaccumulative potential	No bioaccumulation data available.
Stoddard solvent (8052-41-3)	
Log Pow	3.16-7.06
SBR-latex (9003-55-8)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

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

Other information : Avoid release to the environment.

SECTION 14: DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Additional information

Other information	:	No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

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
H350	May cause cancer
H351	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

ZLF-PMS 364 CUSTOM TEMPLATE

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