



SEMI-PLASTIC BITUMEN

SAFETY DATA SHEET

GATOR GRIP SEMI-PLASTIC BITUMEN

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PRODUCT NAME: Gator Grip Semi-Plastic Bitumen

Manufacturer/Final Product Composer: Asphatech

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Material Product Code: GGSPB

Date Created: 14/06/2005

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SECTION 1: MATERIALS IDENTIFICATION & INFORMATION

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 Miner Spirits	<22%	100 ppm	350mg / M3	Max. 3hr. 1,800mg / M3
Cellulose fibers / asbestos free	<7%	As dust	10mg / M3	
Plastic Solution / Powder	<6%	As dust	10mg / M3	

SECTION 2: 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, vicious liquid, petroleum odor when stirred.			

SECTION 3: FIRE & EXPLOSION HAZARD DATA

Flash Point 107°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.				

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 111

GATOR GRIP SEMI-PLASTIC BITUMEN SAFETY DATA SHEET

SECTION 4: REACTIVITY HAZARD DATA

Stability: stable X unstable	Condition to avoid: keep away from heat, sparks, open flame
Incompatibility (materials to avoid) acids, caustics oxidizers.	
Hazardous decomposition products: nitrogen oxides, carbon oxides.	
Hazardous polymerization --- may occur X will not occur	Conditions to avoid: N IA

SECTION 5: HEALTH HAZARD DATA

Primary Routes of entry X Inhalation: vapors X Skin absorption: very slight X Ingestion: Slight. Not hazardous:	Carcinogen listed in NTP IARC OSHA X Not listed
Health hazard: ACUTE: itching, unconsciousness, dizzy, dry skin, nausea. CHRONIC: difficult breathing (cancer studies inconclusive)	
Signs of systems and exposure: Repeated / continuous exposure can cause chemical pneumonia, liver / kidney damage.	
Medical conditions generally aggravated by exposure: repeated/continuous exposure can aggravate emphysema	
EMERGENCY FIRST AID PROCEDURES: large amounts may need immediate emergency treatment.	
Eye contact: flush eyes for 15 minutes with clean water, GET MEDICAL ATTENTION.	
Skin contact: wash with soap and water; get medical care if irritation persists.	
Inhalation: get to fresh air, administer oxygen or artificial respiration	
Ingestion: DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION QUICKLY.	

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SECTION 6: CONTROL & PROTECTIVE MEASURES

Respiratory protection (specify type): organic vapor cartridge if in an enclosed area.		
Protective gloves: impervious to solvents		Eye protection: chemical goggles for vapors optional, none normally needed
Ventilation to be used:	X local exhaust: if outside	X mechanical (general): if inside
	_____ Special	X other (specify): avoid vapor concentration
Other protective clothing and equipment: long sleeve shirt and long pants preferred, none required		
Hygienic work practices: wear gloves to prevent irritations. Wash skin with soap and water or waterless cleaner- con't		
DO NOT WASH SKIN WITH SOLVENTS		

SECTION 7: PRECAUTIONS FOR SAFE HANDLING & USE/LEAK PROCEDURES

Steps to be taken if material is spilled or released: use non-sparking tools with absorbent material (limestone), shovel up and place in closed container for proper disposal.
Waste disposal methods: RCRA regulated material. Consult local, state and federal regulations for permitted land fill disposal of incineration methods.
Precaution to be taken in handling and storing: use in well-ventilated area, store in dry, cool area.
Other precautions and/or special hazards: DO NOT HEAT FOR APPLICATION. Wash contaminated clothing.

MSDS CODE — GGSPB (Gator Grip Semi-Plastic Bitumen)