



MATERIAL SAFETY DATA SHEET

Product: RejuvaSeal®

Section 01: Chemical Product

Manufacturer: Pavement Rejuvenation International, LLC.
 5327 Industrial Way Drive
 Buda, TX 78610
 Phone: (512) 295-1166
 Fax: (512) 295-1196

Product Name: RejuvaSeal/100/N
Chemical Family: Not Applicable
Chemical Formula: Complex Hydrocarbon Mixture
Material Use: Asphalt Rejuvenator
24-Hour Emergency Number: CHEMTREC (800) 424-9300 or (703) 527-3887

Section 02: Composition/Information on Ingredients

Hazardous Ingredients	%	Exposure Levels	C.A.S. #	LD/5D, Route, Species	LC/D5, Route, Species
Aromatic Solvent	25-45%	300 PPM	64742-95-6	RAT/ORAL 4700 MG/KG RAT/DERMAL >4.0 ML/KG RAT/INH >3670 PPM 4HR	
Coal Tar Pitch	35-55%	0.2 MG/M3	65996-93-2		
Aromatic Oils	5-15%	0.2 MG/M3	65996-91-0		

Section 03: Hazards Identification

Potential Health Effects See *"Effects of Acute Exposure"*
 Route of Entry

Effects of Acute Exposure

 Eye Contact Can cause severe irritation and swelling of eye tissues (Conjunctivitis) and corneal burns. May cause permanent eye damage if contact not eliminated immediately.

 Ingestion May cause irritation of the gastrointestinal tract.

 Inhalation May cause moderate irritation to the respiratory tract. May affect the central nervous system.

 Skin Absorption Not absorbed through skin.

 Skin Contact May cause drying, cracking, or inflammation of the skin. Prolonged or repeated contact may cause irritation and/or dermatitis.

Effects of Chronic Exposure None known



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Section 04: First Aid Measures

Skin Contact	Remove from skin by washing thoroughly with soap and water. Baby oil is helpful in removing residual material. <u>BURNS: DO NOT attempt to remove asphaltic material.</u> Seek medical attention immediately.
Inhalation	Inhalation: Remove victim to fresh air. If breathing has stopped, properly-trained personnel should begin artificial respiration. Get medical attention immediately.
Eye Contact	If ingested, consult a physician.
Note to Physicians	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician if irritation continues.
Additional Information	N/A
	Not Available

Section 05: Fire Fighting Measures

Flash Point (C), Method	≥38° C
Auto Ignition Temperature (° C)	Not Available
Upper Flammable Limit (% VOL)	7.0
Lower Flammable Limit (% VOL)	1.0
Extinguishing Media	Carbon Dioxide, Foam, Dry Chemical, Water Fog
Hazardous Combustion Products	Carbon Dioxide, Carbon Monoxide, Sulphur Dioxide
Sensitivity to Mechanical Impact	Not Available
Sensitivity to Static Discharge	Not Available

Section 06: Accidental Release Measures

Leak/Spill	Contain the spill. Eliminate all sources of ignition, absorb residual material with sand, and/or other absorbent material, or recover using electrically-grounded explosion-proof pumps.
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Section 07: Handling Storage

Handling Procedures	Avoid skin and eye contact. Equipment must be grounded.
Storage Needs	Keep containers closed when not in use. Store containers in a cool area. Containers must be grounded. Store away from oxidizing materials and all sources of ignition.

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Section 08: Exposure Controls/Personal Protection

Protective Equipment	
Eye/Type	Splash-proof chemical goggles or 8" face shield.
Respiratory/Type	Not required under normal conditions. In closed areas, wear approved air-purifying respirator for dust/fumes/mist and organic or supplied air respirator.
Gloves/Type	Do not wear natural rubber or polyvinyl chloride gloves.
Clothing/Type	Long sleeve, loose fitting clothing, closed at the neck and tight-fitting at the wrist. Have contaminated clothing washed before re-use.
Footwear/Type	Safety boots per local regulations.
Other Type	N/A
Ventilation Requirements	Mechanical ventilation recommended in enclosed areas.

Section 09: Physical and Chemical Properties

Appearance	
Physical State	Liquid
Odor	Hydrocarbon Odor
Odor Threshold	Not Available
Specific Gravity	>1.04
Vapor Pressure (mmHg)	Not Available
Vapor Density (AIR=1)	>1
Evaporation Rate	Not Available
Boiling Point (deg C)	>133° C
pH	Not Available
Solubility in Water (% W/W)	Negligible
Coefficient of Water/Oil	Not Available
Distribution of Freezing Point ° C	Not Available
Melting Point ° C	Not Available
Molecular Weight	Not Available

Section 10: Stability and Reactivity

Hazardous Polymerization	Not Applicable
Stability	Keep away from heat, sparks, open flames
Incompatibility	Incompatible with strong acids, strong bases, strong oxidizing agents.
Reactivity Conditions	May ignite if over-heated or in the presence of strong oxidizers.
Hazardous Products of Decomposition	Carbon Monoxide, Carbon Dioxide, Sulphur Dioxide



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Section 11: Toxicological Information

Irritancy of material	Refer to "route of entry".
Sensitizing Capability of Material	None known Petroleum fraction includes many naturally occurring polycyclic aromatic hydrocarbons (PAHs) Certain species of PAHs have been implicated in the incidence of skin cancer in test animals.
Teratogenicity	None known
Mutagenicity	None known
Reproductive Effects	None known
Synergistic Materials	None known

Section 12: Ecological Information

Environmental	Not Available
Ecotoxicological Information	Not Available
Biodegradability	Not Available

Section 13: Disposal Considerations

Waste Disposal	Dispose with absorbent material in accordance with regulator laws. Waste management priorities (depending on volumes and concentration of waste) are: <ol style="list-style-type: none">1. Recycle (reprocess),2. Energy Recovery (cement kilns, thermal power generation),3. Incineration,4. Disposal at licensed waste facility. Do not attempt to combust waste on-site. Incinerate at a licensed waste disposal site with approval of environmental authority.
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Section 14: Transport Information

U.N.	#1999
T.D.G. Classification	3



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Section 15: Regulatory Information

U.S. Federal Regulations	Hazardous Material Identification System Classification Health-2, Flammability-2, Reactivity-0.
International Regulations	Not regulated
State Regulations	Not regulated
WHMIS Classification	B3, D2A
CPR Compliance	This product has been classified in accordance with the hazard criteria of the CPR and MSDS contains all of the information required by the CPR.

Section 16: Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made to the information contained herein.