

ShaliSeal RS TC

Top Coat Road Slurry For Enhancing Road Life by Preventing Water Ingress



Material Safety Data Sheet

Identification of the substance/preparation and of the company/undertaking

Trade Name	ShaliSeal RS TC
Intended Use	Used as a top coat road slurry to protect asphalt pavement
Company Name	STP Limited 707 Chiranjiv Tower 43 Nehru Place, New Delhi 110 019, India Phone : +91 11 46561359 Fax : +91 11 46561358
Emergency Information	Phone : +91 11 46561359 Fax : +91 11 46561358

[1] Composition / information on ingredients

Component	%	CAS No
Processed Coal Tar	35%	65996-93-2
Microsilica	18%	14808-60-7

[2] Hazards Identification

Adverse Human Health Effects	Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling. Contaminated clothing should be removed and laundered before reuse. Observe good hygiene and safety practices when handling this product. Do not use this product until the MSDS has been read and understood. Keep the material out of reach of children.
Environmental Effects	Containers may rupture or explode if exposed to heat. May release toxic and/or flammable gases.
Other Effects	Respiratory tract irritation, skin irritation, eye irritation.

[3] First-aid Measures

Inhalation	Remove to fresh air. Give oxygen/artificial respiration of needed. Consult Doctor.
Ingestion	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
Eye Contact	Flush with copious clean water minimum 15 minutes. Consult a Doctor.
Skin Contact	Remove contaminated clothing. Apply proprietary skin

	cleaner, then wash with copious soap and water. Apply skin cream.
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[4] Fire-fighting Measures

General information	Contact with heat may generate toxic and/or flammable gases. Containers may rupture or explode if exposed to heat. Keep unnecessary people away, isolate hazard area and deny entry. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire.
Suitable extinguishing media	Foam, CO2, dry chemical, water fog
Special Equipment	For large fire, wear self-contained breathing apparatus

[5] Accidental Release Measures / Spills and Leaks

Personal Precautions	Keep unnecessary people away, isolate hazard area and deny entry. Ventilate closed spaces before entering. Wear personal protective clothing and equipment. Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses.
Environmental measures	Keep out of water supplies and sewers. Provide sumps for easy collection
Methods for cleaning up	Collect spilled material in appropriate container for disposal. Neutralize the residual product with plenty of water.

[6] Handling & Storage

Handling	Avoid contact with the product, wear safety equipment & handle the product in well ventilated areas.
Storage	In HDPE vessels. Keep separated from incompatible substances

[7] Exposure Controls / Personal Protection

Precaution	Installation of an eyewash fountain, don't take food & drinks at working place.
Personal protective Equipment	Wear safety goggles, face shield, protective cloth and nose pad.
Periodic Health Checkup	Special measures are not foreseen, but alert in case of any necessity

[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Rubber, PVC
Eye Protection	Safety goggles Long sleeved overalls

[9] Physical & Chemical Properties

Appearance	Brown/ Black Liquid
Odour	Characteristic Odour
Vapor Pressure (mm Hg)	Nearly equal to water
Density @ 30°C, gm/cc	1.20 –1.40
Vapour density (Air=1)	<1
Boiling Point, °C	100
Flash Point, (P.M.), °C	>200
Solubility in Water	Easily dispersible in the liquid state
Viscosity, 30°C, cPs	300-600
Consistency	Smooth & Uniform
Evaporation Rate (Butyl Acetate = 1)	Approximate 1.8

[10] Stability & Reactivity

Stability	Stable
Conditions to avoid	Extreme heat and freezing.
Incompatibility/Materials to avoid	Strong oxidizers.
Hazardous Decomposition Products	Combustion may yield fumes, smoke, carbon monoxide, carbon dioxide and other toxic pyrolysis products.
Hazardous Polymerisation	Will not occur

[11] Toxicological Information

Possible results of Penetration & ingestion	Prolonged or repeated contact may lead to dermatitis.
Eye contact	Irritation may become severe if not washed with plenty of water timely
Skin contact	Will cause irritation, to be washed with water
Inhalation	Slightly inconvenient, to be at fresh air.

[12] Ecological Information

This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

[13] Disposal Consideration

This product when discarded or disposed is not specifically listed as a hazardous waste. It could be designated as a hazardous waste if it is mixed with or comes in contact with a hazardous waste. The transportation, storage, treatment and disposal of the waste must be conducted in accordance with applicable regulations.

[14] Transport Information

DOT / IATA/ IMDG Proper Shipping Name:	ShaliSeal RS TC, Coal tar pavement sealer, UN3082, Hazard class- 9
Emergency Guidebook:	Refer TREM Cards for this product.
Packing group	III

[15] Regulatory Information (Risk & Safety Phrases)

ShaiSeal RS TC is a hazardous goods.
Do not breathe the spray.
In case of insufficient ventilation, wear suitable respiratory equipment.

Safety data sheet available for professional user on request.

[16] Other Health & Safety Information

Precautionary Statement:	Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data as a supplement to other information gathered by and make independent judgments of suitability of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Sources used from some manufacturers.
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