

Safety Data Sheet Haul Road Top Seal (HR-TS)

Version: 1.0 / EN

www.terrapaveinternational.com

Revision date: 04.25.2016

TERRA PAVE
INTERNATIONAL



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: Haul Road Top Seal (HR-TS)
Synonyms: None
Molecular formula: Complex mixture
Chemical family: Proprietary water based polymers
Product Use: For industrial use only
Manufacturer/Supplier: Terra Pave International, Inc.
PO Box 203904, Austin, Texas 78720 USA
Telephone Number: 512-655-3550
Fax: 512-233-0950
E-Mail : info@terrapaveinternational.com
Transport Emergency: CHEMTREC - +1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Color: White
Physical State: Liquid
Form: Dispersion
Odor: Mild
GHS-US Classification: Not a hazardous substance or mixture
GHS-Labeling: Not a hazardous substance or mixture
Supplemental Information:
Potential Health Effects: Possible irritation of the respiratory tract, burning sensation of eyes, nose and throat may occur with prolonged exposure, particularly in areas that are not well ventilated. May cause sneezing and coughing.
Eye Contact: Possible redness or swelling of the eyes if directly in contact.
Skin Contact: Brief contact is not irritating. Mild irritation may occur due to prolonged contact. Environment: Not harmful to the environment based on available information. Handle in according with good industrial hygiene and safety practice.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Component:	CAS-No.	OSHA Hazardous
Proprietary Polymers	Proprietary	N
Water	7732-18-5	N

Synonyms: Surfactants, Water
Stabilizers: Proprietary Hardening Formulations
Hazard impurities: There are no hazardous ingredients in this product that would require an emergency response

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SECTION 4: FIRST AID MEASURES

Following inhalation:	Remove to fresh air. If experiencing breathing problems, contact a physician
Following skin contact:	Wash skin with warm soap and water
Following eye contact:	Immediately totally flush eyes with water. If experiencing continuing difficulties, obtain medical attention.
Following ingestion:	Not determined to be harmful; however, seek medical attention as a precaution

SECTION 5: FIREFIGHTING MEASURES

Flash point:	N/A
Auto-ignition temperature:	N/A
Suitable extinguishing media:	Non-flammable (aqueous solution): Possible burning will occur as a result water evaporation and burning of remaining residue. General firefighting materials, including water fog, carbon dioxide, foam, or dry chemical.
Hazardous combustion products:	Carbon monoxide and carbon dioxide may be produced in toxic forms when burned in high concentrations.
Protective Equipment:	Use prescribed protective equipment for fighting fires involving non-hazardous materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

In Case of Spill:	Attempt to recover as much spilled material as possible. If spill has occurred at a soil application site, then actions can be taken to collect and incorporate spilled material into originally intended application areas. Soil or other types of absorbent materials can be used to help collect the material. Spills can be flushed with large amounts of water; however do not allow liquids to enter into water systems of any kind, including sewage systems.
Personal Precautions:	Recommend that proper chemical handling procedures be observed at all times

SECTION 7: HANDLING AND STORAGE

General Handling:	Product should be stored indoors in tightly capped drums or containers. Product should be stirred or rotated after every three months of storage to prevent excessive settlement of heavier materials.
Storage Temperature:	45°F to 105°F
Extra:	Do not freeze. Shelf life of this material is 9 months if stored properly.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	See precautions listed above. Exposure through skin is minimal in terms of overall exposure.
Eye Protection:	Safety glasses or goggles, as appropriate
Protective Gloves:	Use if extended exposure to hands is anticipated. Polyvinyl gloves are not recommended.
Engineering Controls:	Product is designed for use in open air areas. If used in enclosed areas, ensure that adequate ventilation is available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Color:	White
Physical State:	Liquid
Form:	Dispersion
Odor:	Mild
pH:	4.0 – 6.5
Flash point:	N/A
Density:	0.998 g/cm ³ (68 F (20 C))
Specific Gravity (Relative density):	0.95 – 1.10 Water=1 (liquid)
Vapor Pressure:	17.535mmHg (68 F (20 C))
Relative Vapor Density:	0.6 (Method: Literature) (Air = 1.0)
Vapor Density:	No data available
Boiling point/ Boiling range:	212 F (100 C)
Freezing Point:	32 F (0 C)

SECTION 10: STABILITY AND REACTIVITY

Stability:	This material is chemically stable under normal and anticipated storage, handling and processing conditions
Hazardous Reactions:	Hazardous Polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity Practical experience / Human evidence:	Information on analogous products indicates toxicity levels well within most acceptable standards. There is no evidence that this composition has caused cancer in humans. Contact manufacturer for more detailed information. This product does not contain alkyl phenol ethoxylate (APE) surfactants or vinyl acetate components.
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SECTION 12: ECOLOGICAL INFORMATION

Environmental Fate: Not toxic to fish or plants.
Non-biodegradable.
Not RCRA hazardous.
Analogous materials indicate ecotoxicological information is well within most acceptable standards.

Ecotoxicity: Toxicity to aquatic organisms is almost undetectable on an acute basis.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Return to manufacturer or dispose in accordance with applicable Federal, State and local requirements and applicable environmental regulations. Empty containers can be returned to manufacturer or should be recycled or disposed of through an approved waste management facility.

Disposal Considerations: Product is not biodegradable and is not RCRA hazardous.

SECTION 14: TRANSPORT INFORMATION

International Harmonization

Code: 3906.90.00.00/2803.00.00.00 liquid polymers in primary form.

U.S. D.O.T.: Not regulated.

IMDG: Not regulated.

SECTION 15: REGULATORY INFORMATION

There are no components of this product that are specifically listed as hazardous substances in 40 CFR 302.4 at levels which could require reporting.

SECTION 16: OTHER INFORMATION

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