

Road Oyl®

Resin Modified Emulsion



Versatile and Multi-Purpose for Dust Control, Erosion Control and Stabilization

Road Oyl is a resin-modified emulsion that provides a cold-applied, high performance treatment for bare earth areas and unpaved road surfaces. Formulated from tree resin ingredients, this state-of-the-art, non-ionic emulsion technology is unique in its high bonding strength and is appropriate for use even in close proximity to wetland areas and other areas of environmental sensitivity. Road Oyl provides the clean, high performance technology needed for any type of project.

Originally developed to solve severe dust problems on mine haul roads, Road Oyl has been used around the world for over 15 years.

Since Road Oyl is made from all natural ingredients harvested on a sustainable basis, it has never had a problem being approved for use in any application or as part of an environmental permit issued to an operating entity such as a landfill, steel mill or mine.



The Facts

Road Oyl is versatile and multi-purpose in use for dust control, erosion control, stabilization, shoulder treatments and other specialized applications. It has been specifically designed and proven to be a long-term solution for efficient control of road dust. Whether you are creating a landing strip, access road, haul road, hardened surface, trail or have erosion control requirements, Road Oyl provides a reliable, environmentally friendly binder.

Traffic on a Road Oyl surface will compact the surface into a smooth dust free pavement-like surface. It penetrates road aggregate and binds it into a surface proven stronger than asphalt. Road Oyl darkens the aggregate or soil that it's applied to slightly but maintains the same basic look, which makes it desirable in natural settings. Road Oyl will not track when applied as directed.

How it's Made

Road Oyl is a natural flexible pavement binder emulsion formulated from pine rosin and pitch in water. The pitch and rosin, which comprise roughly 50% of Road Oyl by weight, are co-produced with other timber products from southern pine in the Southeastern United States. Pine pitch is a black, viscous "tar" derived from the distillation of wood; before the development of coal tar pitch. Pine rosin is the residue from distillation of turpentine oil from raw turpentine. The Road Oyl liquid is brownish in color with a mild odor. When rubbed between the fingers, it becomes extremely sticky as the water evaporates.

Environmentally Friendly

Made from all natural products harvested on a sustainable basis, Road Oyl is non-hazardous and safe for the environment.

Economical

Road Oyl is shipped efficiently as a high concentrate and diluted with water before application. With its long lasting nature, you spend less time reapplying, saving you both time and money.

Long Lasting

The condition of the road, the degree of Road Oyl penetration, and the amount of traffic combine to determine the life of a Road Oyl application. It also helps stabilize the road in winter by protecting the road from water intrusion.

Physical Properties

Specific Gravity:	0.9 – 1.1 Kg/L
Weight per Gallon (US)	7.497 – 9.163 #/gallon
Appearance:	Light brown colored liquid emulsion
Odor:	Musty, woody
pH:	6 - 9
Boiling Point:	212°F (100°C)
Solubility in Water:	Dilutable
OSHA Hazard:	No
Flammability:	Non-flammable, non-combustible
Stability:	Stable under normal handling conditions
Corrosiveness:	Similar to water
Incompatibilities:	Can react with strong organic oxidizing materials, strong acids and strong bases.

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