

Sealtite

GREEN ASPHALT MAINTENANCE

Manufacturers Of

RHYNOTITE™

An Environmentally Friendly Alternative

Premium Asphalt Emulsified Seal Coat

High Solids Content

Better Driving Surface and added Skid Resistance

RHYNOTITE™ protects pavement from the deteriorating effects of weather, UV-rays, and traffic.

**ASPHALT PAVEMENT SEALER
INFORMATIONAL & COMPARATIVE GUIDE**

Industry Standard

Asphalt emulsion-based sealers are the industry standard. The **Asphalt Institute** only recommends asphalt-based sealers and slurry seals. **They do not recommend sealers that contain coal tar. Sealtite Green Asphalt Maintenance™** is not intending to suggest that the **Asphalt Institute** recommends **Rhynotite™**. However, **Sealtite Green Asphalt Maintenance™** is stating that the **Asphalt Institute** has made their position known publically on their website located at www.asphaltinstitute.org under FAQ section "Seal-Coats/Fog Seals."

Product Application

- Clean pavement of all dirt, dust, and debris
- Fill cracks and patch all broken and "alligator" areas with either a hot mix or a cold patch material
- Prime all oil spots
- **Rhynotite™** may be applied with by hand/motorized squeegee or spray
- Apply in any climate except raining or freezing weather
- Can be diluted with clean potable water. Mix dilution is a maximum of 20%. Do not over dilute the product as this will decrease the overall product performance and even lose viscosity which may cause the aggregate to fall to the bottom of the tank. Additionally, less water used to dilute will increase dry time. **Rhynotite™** can be applied without dilution.
- Product is completely cured when water dries completely from the surface.

Sealtite Green Asphalt Maintenance™ manufactures an asphalt emulsion based seal coat, **Rhynotite™**. It is a heavy-duty seal coat that is high in solid content that is designed for the sealing and resurfacing of asphalt playgrounds, parking lots (large or small), roadways, and traffic areas. It is factory-blended; combining specially selected proprietary fillers, aggregate, fiver, coloring agent, and film fortifiers that provide a skid resistant surface that greatly extends the life of the pavement. It is formulated using the most advanced polymer technology to provide improved curing characteristics, durability, adhesion, and color retention, therefore greatly extending the life of the pavement by completely sealing the surface of asphalt to prevent penetration of moisture, the leading cause of pavement failure. Most importantly, ALL of the materials used are environmentally friendly. *There are no carcinogens!*

MSDS readily available upon request

Advantages & Benefits of **RHYNOTITE™**

- Increased Durability
- Increased Adhesion to Underlying Surface
- Superior UV resistance
- Faster Cure Rate than standard seal coats
- Earlier Striping and Traffic Release
- Nighttime Application are possible where freezing and rain are not imminent
- Increased Flexibility
- Unsurpassed Moisture Resistance
- No PAH Threat to the Environment (PAH: polycyclic aromatic hydrocarbons)
- **Environmentally SAFE**

Informative & Comparative Analysis

There are three types of asphalt pavement seal coats available today, asphalt based, coal tar, and acrylic. We will disclose the good and bad of each for your consideration.

Asphalt based sealers are made using asphalt emulsion which is asphalt cement emulsified with water using an emulsifier to homogenize and stabilize the emulsion. Asphalt cement is the binder used in asphalt pavement. Therefore, when you use asphalt based sealer you are using the same product that was used to hold the aggregate in place to begin with and you are adding back asphalt particles to the pavement which acts like a rejuvenator. Asphalt based is environmentally friendly and have no PAHs.

Coal tar sealers have been widely used to sealcoat pavements because of its superior resistance to gas, oil, and chemical spills. However, coal tar adds nothing back to the pavement. Additionally, coal tar is not environmentally friendly and contains PAHs, which are carcinogenic, meaning they **DO** cause cancer. Due to a shortage in coal tar pitch, coal tar sealers have increased in price substantially, leaving asphalt based sealers less expensive than coal tar sealers. The entire state of California, Austin, Texas, and Dade County, Wisconsin prohibit the use of coal tar sealers.

Acrylic sealers are the least widely used sealers in existence today. They add nothing back to the asphalt and while they are not carcinogenic they certainly cause other health disorders like dizziness, weakness, nausea, headaches, and even worse, possible gastrointestinal irritation. Prolonged exposure to acrylic sealers can cause damage to kidneys, lungs, blood, and central nervous system. Repeated ingestion may cause liver damage. With all that being said, they do resist gas, oil, and chemical spill. Typically, they are more expensive than asphalt based or coal tar sealers.

	Asphalt Based Sealer	Coal Tar Sealer	Acrylic Sealer	Perfect Sealer
Affordable	Yes	No	No	Yes
Contains PHAs	No	Yes	No	No
Considered Friendly	Yes	No	Yes	Yes
Politically Attached	No	Yes	No	No
Add Back Particles	Yes	No	No	Yes
Physically Discomforting	No	Yes	Yes	No
Supported by Asphalt Institute	Yes	No	No	Yes

As a supplier, contractor, or consumer, at some point each and every one of us has to take responsibility for the environment and not only our health, but the health of others. Especially if you are a supplier or a contractor you should take this report into serious consideration. If a customer or employee is diagnosed with cancer it is possible that attorneys and the courts will attempt to hold everybody responsible if a lawsuit is filed. We are not attempting to practice law, but if you are a supplier or contractor that sells or uses coal tar it's encouraged that you seek legal counsel.

Sealtite Green Asphalt Maintenance™ has licensed the mix design and manufacturing process. For complete details please contact the plant nearest to you or call us and we will be happy to refer you to a plant or distributor near you.

Sealtite Green Asphalt Maintenance™ licenses its mix design, process, procedures, and raw materials. The Licensees are responsible for mixing the sealer to specifications established by **Sealtite Green Asphalt Maintenance™** and the **Asphalt Sealcoat Manufacturers Association**. Since we are not on location, we do not guarantee the Licensees sealer. Any warranties or guarantees come from the Licensee. Please visit with your contractor regarding warranties or guarantees.

Referencing the **Asphalt Sealcoat Manufacturers Association** or the **Asphalt Institute** we are not suggesting or intending to suggest that either association recommends **Sealtite Green Asphalt Maintenance™** and it should not be interpreted in that manner. We value their research so we direct you to their research which is public information.

DISCLOSURE: This report is for informational purposes only. It is not intended to give legal, environmental, geological, or business advice. We obtained this information from sources we believe to be reliable, but we have not hired independent advisors or experts to verify the information contained within

Sealtite Green Asphalt Maintenance™ does not intend for it to be interpreted that any agency, association, or municipalities referenced in this report endorses **Sealtite Green Asphalt Maintenance™** or its products.

It may be viewed that **Sealtite Green Asphalt Maintenance™** has a conflict of interest publishing this report by the fact that we only manufacture an asphalt emulsion based sealer. However, keep in mind that we decided to manufacture an asphalt based sealer while considering the manufacturing of coal tar and acrylic sealers. It has only been through extensive research and analysis that we decided to manufacture and asphalt based sealer.

Sealtite Green Asphalt Maintenance™ encourages suppliers and contractors that sell or apply coal tar sealers to seek legal counsel that has knowledge regarding product liability, employer liability, EPA expertise and general liability.

Our intentions are not to use this information against manufacturers or supplies, but to educate any person on the potential dangers of using coal tar and acrylic asphalt pavement sealers.

Sealtite Green Asphalt Maintenance™ encourages the reader to perform their own research regarding this topic.

RHYNOTITE™



Sealtite
GREEN ASPHALT MAINTENANCE

2340 Mulberry Wire Road
P.O. Box 596
Mulberry, Arkansas 72947
Office: 479-997-2449
www.SealtiteArkklahoma.com