



RePlay® Agricultural Oil Seal & Preservation Agent

Revised 12/2024

PRODUCT DESCRIPTION

RePlay is a spray-applied liquid preservation agent and seal that penetrates deeply into the asphalt pavement to prolong the use life. RePlay is non-toxic, biobased, and introduces polymers to strengthen the asphalt matrix, helping to improve viscosity, ductility, and maintain friction safety.

RECOMMENDED USES

- Ideal for new asphalt (60-90 days after installation), and existing asphalt showing minimal degradation.
- Any untreated asphalt pavement with a Pavement Condition Index above 60.
- Apply RePlay to highways, streets, driveways, parking lots, trails, runways, rumble strips, shoulders, curbs, sidewalks and more.

PRODUCT SPECIFICATIONS

Appearance	Brown to black thin liquid, slight citrus fragrance
pH	3.5-5.0
Specific Gravity	0.8820-0.8890
Flash Point	210°F+ Tag Closed Cup
Shelf Life	3 years in sealed manufacturer's container
Cure Time	generally, within 15-30 minutes

SURFACE PREPARATION

Asphalt pavement must be dry and swept clear of debris. Use broom or mechanical blower. The surface temperature must be above 40°F. Zero to low humidity is recommended. RePlay is designed to work with surface and ambient temperatures between 40°F and 130°F. Optimal ambient and surface temperatures range between 70°F and 80°F. Asphalt below 40°F will increase cure times. Asphalt above 90°F may be softer and increase or decrease cure times.

APPLICATION

- Applied as is. Do not dilute the product.
- Spray onto pavement using the BioSpan computer-controlled, truck-mounted Spray system.
- Rate: 0.015-0.020 gallons per square yard on pavements with a PCI of 60% (good) or above
- Rate: 0.025-0.03 when applying to rumble strips or centerline joints.
- Cure: generally, cures within 15-30 minutes. May accept traffic at the discretion of the applicator after 30 minutes.
- Reapplication: Every 4-5 years if the pavement remains in good condition; every 3-4 years if the pavement remains in fair to good condition.

CAUTION/LIMITATIONS

- Do not dilute. Always pre-mix before applying.
- Do not apply to damp or wet asphalt pavement.
- Pavement will be slick immediately after spraying, before curing.
- Rain: Avoid application if rain has occurred within the last 12 hours or if surfaces retain moisture. Rain events may be allowed 5 minutes after cure.
- Avoid RePlay application in high winds.
- New pavements: wait at least 60 days to allow low molecular weight volatile asphalt chemicals to evaporate before applying RePlay
- Standard application rates of 0.015-0.020 are meant for pavements with a PCI of 60% (good condition) or above
- Application rates may increase to 0.020-0.030 on pavements showing more degradation
- Overapplication will soften the pavement and take much longer to cure.
- RePlay will not fix potholes nor seal large cracks wider than 1/4 inches. Avoid treating pavements exhibiting too much degradation.

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SAFETY/HANDLING

- Personal Protective Equipment (PPE) such as goggles, gloves and impervious clothing are recommended.
- First Aid: Refer to the Safety Data Sheet for first aid measures. Avoid inhalation and ingestion. If exposed to skin, wash with soap and water. If exposed to eyes, flush eyes immediately.

STORAGE

Store in the manufacturer's sealed container. Store in a dry, temperature-controlled environment that is well-ventilated. Do not store outside. Do not expose to high heat or freezing temperatures. To use stored product, mix for at least 45 minutes at ambient indoor temperature before use.

DISPOSAL/CLEANING

- Reactivity with water: none
- Disposal methods: Dispose of this material by incineration or by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow all local, state and Federal disposal regulations.
- Avoid contact with strong acids, strong bases and oxidizing agents. Avoid heat or an open flame.
- In Case of Spill: Floors may become slippery. Use protective equipment. Contain liquid spills using a barrier or absorb using inert material. Scoop or shovel absorbed material into containers. Wash area with soap and water.
- Cleaning: Use BST Cleaner to thoroughly rinse the spray application system of any residual polymers. This rinsate may be used up to 5 cycles to clean the system. After using BST, may flush entire system with warm water and MG Degreaser. Do not let BST sit in the spray system. May use BST Cleaner diluted with water to help clean RePlay residue if spilled.

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