



Product Description

Bayblock Prime Prep is a low viscosity, sprayable liquid used to pretreat black EPDM rubber roof membrane prior to power washing and application of the roof coating. Bayblock Prime Prep is specifically formulated to clean and condition EPDM rubber membranes to properly receive Bayblock Elastomeric acrylic coating, ensuring excellent adhesion to new and aged EPDM membranes.

Application and Handling

Apply Bayblock Prime Prep with a Hudson-type agricultural, conventional pressures, or airless sprayer at an application rate of 500 square feet/gallon using a 3-4 foot arc pattern. Allow Bayblock Prime Prep to stand for 5 to 10 minutes, depending on temperature. Cooler temperatures may require a longer standing time.

Clean EPDM with a commercial power washer using 2000-3500 psi. When cleaning the EPDM, it should be done slowly and close to surface in order to remove mica and inorganic release agents. Rinse thoroughly with power washer. The rinse step may be done at a faster pace than the cleaning step. The final rinse water should be clear with no soap bubbles present. The EPDM will range from muddy brown to black after washing with Bayblock Prime Prep. Allow surface to dry thoroughly before beginning coating application.

Limitations and Precautions

Bayblock Prime Prep is a high pH product. Due to the high pH level, protective

clothing, rubber boots, gloves, and goggles are required during application. Take precautions to protect vehicles and persons below work areas from overspray of primer during application and during the rinsing process. Do not use Bayblock Prime Prep on aluminum or other metal, as etching of the metal will occur. Thoroughly read the MSDS. Ensure proper drainage. BaySystems advocates the use of prudent judgment regarding the release of roof rinsate containing EPDM roof primer Bayblock Prime Prep into the environment. Based on aquatic toxicity data, Bayblock Prime Prep is classified as LOW CONCERN (ec50 > 100 MG/L) for fish, aquatic invertebrates and algae according to the USEPA classification criteria for environmental toxicity and fate of industrial chemicals. The pH of the Bayblock Prime Prep formulation is within the alkaline range (pH 12). Dilution of the primer with rinsate and subsequent added dilutionary capacity of receiving streams, rivers or ponds would likely buffer any potential for adverse effects to sensitive aquatic organisms as a consequence of pH perturbations. For smaller water courses, rinsate/receiving stream volume ratios are important, particularly during periods of low flow. In low flow situations where the rinsate will be directly released to the water course, significant dilution of the formulation via rinsate is suggested. The Bayblock Prime Prep formulation is not an emulsion and as such will not likely discolor any receiving water body.

Because of the low toxicity of the formulation to fish, aquatic invertebrates and algae, it is unlikely that releases of the diluted Bayblock Prime Prep material into a storm sewer will cause adverse impact to exposed organisms. The numbers and diversity of organisms in these non-natural systems are anticipated to be low. Increased dilutionary capacity of any receiving water body will serve to further mitigate any potential for adverse effects. (Continued)

Typical Physical Properties

Property	Value
Application Rate:	500 s.f./gal.
Weight per gallon:	8.46 lbs./gal.
Surface Temperature:	50-120°F
Number of Components:	One
Color:	Translucent Pink

Wet Physical Characteristics

Flash Point:	>212°
Shelf Life:	18 month in unopened containers
Clean Up:	Water with commercial power washer @ 2000 psi
Thinner:	Not Recommended

Bayblock™ Prime Prep

Limitations and Precautions

Without detailed plans regarding the receiving water course at the site in question, caution should be exercised. Release of rinse into pristine or near pristine water courses should be avoided.

With regard to the potential for persistence within the environment, primary degradation will be anticipated to occur in the days to weeks range with ultimate biodegradation anticipated to occur within the weeks to months time frame. Thus, it is anticipated that the components of Bayblock Prime Prep will not persist in the environment.

Note: That compliance with local regulatory ordinances regarding releases of the rinsate into the aquatic or soil compartments should be ensured prior to any disposal operation. Bayblock Prime Prep contains approximately 5% phosphates by weight.

General Safety, Toxicity, Health Data

Material Safety Data Sheets are available on this coating material. Any individual who may come in contact with these products should read and understand the M.S.D.S. In case of emergency contact CHEMTREC EMERGENCY NUMBER at 800-424-9300.

WARNING: Contact with skin or inhalation of vapors may cause an allergic reaction. Avoid eye contact with the liquid or spray mist. Hypersensitive persons should wear protective clothes, gloves and use protective cream on face, hands and other exposed areas.

CONTAMINATION: Avoid moisture contamination in containers. Containers should not be released if contaminated. Do not attempt to use contaminated materials.

EYE PROTECTION: Safety glasses, goggles, or a face shield are recommended.

SKIN PROTECTION: Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

RESPIRATORY PROTECTION is MANDATORY! Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact BaySystems for a copy of the Model Respiratory Protection Program developed by API.

INGESTION: Do not take internally. It is believed that ingestion of polymeric isocyanates would not be fatal to humans, but may cause inflammation of mouth and stomach tissue.

Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

Disclaimer

The data presented herein is not intended for non-professional applicators or those persons who do not purchase or utilize this product in the normal course of their business.

The potential user must perform any pertinent tests in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility

of the buyer. The aforementioned data on this product is to be used as a guide and is subject to change without notice.

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