

Dow Corning 2-9034 EMULSION

Category : Polymer , Thermoset , Silicone

Material Notes:

Dow Corning® 2-9034 Emulsion is a versatile water repellent for wood substrates. The patented, water-based, low-VOC, organosilicone emulsion is a blend of siloxane monomers, polymers and organic polymer. Each component contributes properties to maintain the natural appearance of the wood, which is under constant attack. Dow Corning 2-9034 Emulsion excludes water through synergistic effects of the components. The siloxane monomer penetrates into the capillaries of the wood. Its specific structure, containing moieties that are water repellent and chemically reactive to hydroxy groups of the wood, provides long-term protection against water ingress. Other components remain in the surface layer. The low-molecular-weight liquid siloxane polymer, which has a high number of methoxy reactive sites that normally react with hydroxy sites on organic resins, provides a physical barrier to liquid water ingress. However, as siloxanes are permeable to water vapor, the organic polymer reduces the water vapor transmission rate and also gives a physical barrier to liquid water. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-2-9034-EMULSION.php

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