

VitiSeal™ is a waterborne co-polymer emulsion containing natural plant oils designed to be applied shortly after pruning to provide a sealant barrier over plant pruning wounds. Safely and easily painted or sprayed onto vines, trunks and tree bases, VitiSeal™ is low odor, very low VOC (volatile organic compound), and contains no HAP's (hazardous air pollutants) or known aquatic pollutants. VitiSeal may be used on grapes, cherries, peaches, almonds, pistachios and other woody plants.

Directions for Use: VitiSeal™ is highly concentrated. Thoroughly mix 1 part VitiSeal™ concentrate with 9 parts water until the paste concentrate is completely diluted into a ready to use (RTU) solution. For brush, painted or hand application: The RTU solution can be safely painted on cut spurs or wounds at an application volume of approximately 1/2 gallon per acre.

For Spray Application: Recommended application of (1:9) dilution in a tank with an agitation system, and target spray over pruning wound area. Consult with PCA or certified crop adviser to devise proper calibration and proper spray nozzles necessary to target spray band. Average spray band between 8-12 cubic inches depending on row spacing. Target nozzles as close to and preferably directly over the top of pruning wounds in order to minimize overspray. Calibrate the sprayed acre band spray to vineyard or orchard dimensions and specifications. Average tractor/ATV speed between 4-5 mph, @ 40-60 PSI, with low volume micronized droplet nozzles in order to achieve desired output. The use of air-induction nozzles, sprayers with large orifices, or fan belt sprayers are not recommended as they may cause excessive/unnecessary product use. Always consult with local PCA before spray application to achieve maximum results.

Coverage: On direct hand or spray bottle applications 1 gallon of VitiSeal™ RTU will cover approximately 2 acres of pruning wounds depending on vine per acre density. Expect lesser coverage when using backpack, ATV or tractor spraying. Contact VitiSeal™ technical support or local PCA for information regarding such spraying methods.

Clean-Up: DO NOT ALLOW PRODUCT TO DRY IN THE SPRAYER. Clean tools and equipment while they are still wet with a safe all purpose cleaner and warm water. Flush spray equipment immediately after use. Dry coating may have to be stripped off equipment with a soy or citrus stripper.

Re-application: Re-application is not expected to be necessary until next season pruning. If desired, however, VitiSeal™ may be reapplied any time, conditions permitting, 24 hours or more after initial application and before

Limitations: Do not mix with oils, solvents or similar materials. Mixture with other products or materials is at user's risk. Do not use in rainy weather, when rain is expected, or when ambient temperature is below 40°F. Keep from freezing. Do not contaminate. Store in airtight containers.

Storage and Disposal: As with all coatings, keep container tightly closed and out of the reach of children. Dispose of container and unused product in accordance with local environmental regulations. Typically empty container may be rinsed and placed in trash or appropriate recycling receptacle.

Contents: Waterborne acrylic co-polymer emulsion and natural plant oils.

Health Precautions: No known hazards to humans, domestic animals, wildlife or soil environment. However, this product is not intended for application to humans or animals. Do not ingest. Applicators and handlers should wear dust mask, goggles, long-sleeve shirt and long pants, chemical resistant gloves made of any water proof material such as polyethylene or polyvinyl chloride, shoes and socks. In the event of eye contact, flush with water for 15 minutes. Remove contact lens. For skin contact, wash with mineral oil, wipe off excess, then wash with soap and water. Get medical attention if irritation persists. See MSDS for further safety information.

Limited Warranty: Product is warranted not to be defective when properly applied. Liability express or implied is limited to replacement of product or refund of purchase price and does not include liability for labor costs or consequential damages. Variable factors out of manufacturer's control, such as environmental conditions, application techniques, and surface conditions are critical to results obtained. Users are expected to exercise reasonable care to determine suitability of the product for each application. This limited warranty is in lieu of all other warranties, express or implied, except as may be required by law. This limited warranty may not be modified or extended by manufacturer's representatives or distributors or dealers of this product.

