

GingiShield™ Antibacterial Enamel Sealant

Frequently Asked Questions

What is GingiShield™ Antibacterial Enamel Sealant?

GingiShield is a clear sealant applied to at-risk teeth by veterinary professionals. It kills harmful bacteria and helps prevent the formation of plaque, reducing the risk of periodontal.

Is GingiShield Safe?

Yes. It's the same non-toxic product used by dentists and cleared by the FDA to seal and protect children's teeth but formulated for veterinary use on dogs and cats of all sizes.

How is GingiShield different from other veterinary dental sealants?

It is the only sealant with patented SELDOX antibacterial protection to safely kill bacteria and inhibit plaque formation. Other veterinary tooth sealants must be reapplied frequently between dental cleanings, while a single GingiShield application lasts a year or longer.

Can GingiShield be applied at home?

No, GingiShield must be applied only by veterinary professionals as it requires specialized equipment and training, but it can be applied during routine dental cleanings.

Can GingiShield be applied to deciduous teeth?

There is no reason to apply GingiShield to deciduous teeth since they are only in the mouth for about 8-11 weeks before they exfoliate and are replaced by the permanent teeth. Technically, it could be applied though it's not recommended because there is an increased risk of pulpitis due to the very thin dentin.

Can GingiShield be applied to other species besides dogs and cats?

Currently, there is no known contraindication for application of GingiShield to healthy teeth of other species. Please contact us with species-specific questions.

What is the benefit to risk comparison?

GingiShield significantly inhibits the attachment of bacteria to the tooth surface which deters biofilm (plaque) formation. Biofilm is the main cause of gum disease (gingivitis and periodontitis). Properly applied, there is no known risk associated with GingiShield application other than the added anaesthesia time, typically ten minutes with an experienced technician.

Can it be applied as a surface sealant on direct composite restorations?

Yes, applying a top layer of unfilled resin, such as GingiShield, to direct composite restorations has been shown to decrease microleakage. Also, the antimicrobial properties of GingiShield should reduce the tendency of composites to facilitate bacterial adhesion and biofilm formation.

Is toothbrushing still necessary?

Yes. When people have dental sealants applied, they still need to brush their teeth and have regular professional dental cleanings and x-rays. The same is true for pets.

Can GingiShield be applied to exposed root surfaces?

Yes, in selected patients as part of a complete treatment plan. Please contact us for specific information. Dental x-rays of the affected tooth are necessary.

Can GingiShield help with enamel hypoplasia/hypocalcification and/or enamel defects?

Yes, in selected patients as part of a complete treatment plan. Please contact us for specific information. Dental x-rays of the affected tooth are necessary.

What would be the GingiShield recommendation for CUPS patients?

There is no definitive data yet as to whether GingiShield will benefit CUPS patients. Since it is an additional way to help control plaque, it is expected that the sealant will be beneficial. This answer will be updated as new information becomes available.

Does annual etching and application of GingiShield deteriorate enamel?

Enamel remineralization and demineralization occurs constantly. After the initial application, subsequent annual applications will result primarily in etching and application atop remaining sealant material. Because it is applied to buccal/labial surfaces, the sealant can over time create a thicker sealant layer without any interference with occlusion.