



Mount Saver Hoof and Horn Technical Bulletin & Instructions

About: The Mount Medix Mount Saver Hoof and Horn(H&H) is a specialized formulation of Mount Saver designed to penetrate the soft fatty tissue inside horn cores and soft areas in hooves. These areas are notoriously hard to access and often contain residual tissue that will attract dermistids. If H&H is injected or applied into these hard-to-reach areas, it will render any residual tissue inedible to dermistids.

Applications: It is best to avoid potential damage and apply the H&H during the mounting process. If this hasn't been done the following damage can occur. Looking for a small larva with short brown hair around horn bases or hoof and hide the interface. The presence of moulted carapaces from larvae that have shed during metamorphosis. Small round holes that appear in horns or hooves. The presences of tiny tan sand-like material around the hooves and horn cores.

When **treating horns with** Mount Medix products there are two common options. The first is to use the **Mount Saver Hide Pre-Soak** to make a bath and submerge the skull and horns in the bath. This is done, by adding 150 ml (1,5 dl) of Pre-Soak per 4 liter of water. This mix can be used continuously as long as fresh Pre-Soak is added periodically. The soaking bath is commonly used with skulls that have been cleaned and degreased but horns have not been removed. There will be some tissue in the horn cavity that will be odorous and also attract bugs, especially dermistid. A 48-hour soak, will help remove bad odour and clean away any bugs that might be present.

The **second method of treatment** (or can be used in conjunction with the soak) is to apply the **Mount Saver Hoof and Horn to the horns**. This is done after the horns have been permanently attached to the skull plate. If the skull is completely dry, seal all gaps surrounding the horn and skull with a material like epoxy or body filler. After this material hardens, drill very small holes into the horn cavity and inject the Mount Saver Hoof and Horn into the cavity. The Hoof and Horn are formulated to penetrate into the tissue that may be present and prevent insect damage. If dealing with an existing mount where damage is present, the horn cavities are a typical source of the infestation and the same process can be used. Make sure horns are totally sealed before injection Hoof and Horn. After applying a liberal amount of Hoof and Horn, reseal the application holes with Epoxy and touch up with paint.

Treatment of hooves and feet: A similar process can be used when applying the Hoof and Horn product to the mounts with hooves. As with the horn cavities, removing all soft tissue from a hoof can be impossible. A small application of Mount Saver Hoof and Horn can prevent future insect damage.

Treating Infestation – In general, injecting the Mount Saver Hoof and Horn into the infested area is the only way to address the issue. Treating horns is accomplished by first making sure the horn bases have been sealed. If they have not been sealed do so using an epoxy clay-like Apoxy Sculpt or Bondo to completely seal the bases. After addressing the sealed bases, drill very small holes into the horn along its length. This should be done on the back-side so it's not visible on the mount. Drill holes every four to six inches trying to have the hole depth into the middle of the horn as a minimum. Next, inject the H&H into the holes using a hypodermic needle and syringe. Typically, some of the holes you drill will reach vessel channels and these holes will accept several cc's of H&H. Holes that do not reach vessel channels will only accept a fraction of a cc. Let the horns rest, points down for a day and repeat. The drilled holes can now be filled with Apoxy Sculpt or other filler material and coloured to match the horn.

Treating hooves can be done by injecting H&H into the hoof by inserting the hypodermic needle into the hide and hoof interface and directing the needle down into the hoof. If this access is blocked, drilling small access holes into the hoof may be necessary. It is important to get the H&H product in contact with the soft tissue areas of the hoof. Apply 1-4 cc of H&H per hoof and seal with Apoxy Sculpt. Colour to match and hide the holes.

Freeze Dry Application: The Mount Saver H&H can be injected into velvet antlers that have open vessel channels. This application is much the same as injecting into horns. The treating of freeze-dried Velvet Antlers is performed after the freeze-dry process. For injection of H&H into freeze-dried mounts after the freeze-drying process is possible but should on be done if there is a known food (residual tissue) source for bugs existing in the mount. Generally, ProAd is the bug proofing material of choice, but if there is tissue remaining because of accessibility treating with H&H may be beneficial.

Shelf Life: Greater than 5 years

Available sizes and usage:

The Mount Medix Mount Saver Hoof and Horn is available in a 0,473 liter bottle of Ready-To-Use. Generally, injection amounts are around 7 ml per hoof and 15 ml per horn.

For additional information or questions please contact Mount Medix at info@mountmedix.eu