## **WOODPECKER CONTROL**

Woodpeckers control methods are somewhat limited as they are protected by the Federal Migratory Bird Treaty Act. These are very determined birds and the most effective way to control them is to use 3/4" netting to exclude them from structures. However, other deterrents that can sometimes be effective are audio, visual and taste repellents — especially if applied when the problem first arises and used in combination to increase their effectiveness.

Bird Barrier's woodpecker hole filler is an environmentally safe, non-toxic, resin-repair system specifically designed to repair damage caused by woodpeckers to wood structures. In addition to wood repair capabilities, the system provides a natural deterrent against woodpeckers and other pecking birds. Upon drilling into the hole, the birds receive a nasty taste and odor, making it undesirable to peck there again. Use it where woodpeckers have drilled to prevent further damage and follow up with the taste-aversion spray repellent over the entire problem area to deter future drilling.

As with any non-permanent exclusion barrier, you can increase the effectiveness of taste repellents by combining them with visual deterrents like scare eye balloons, octopus or mylar tape. This gives the woodpecker a feeling of being threatened by a predator, and when combined with an unpleasant tasting drilling site, the bird is less likely to remain. Bird Barrier also carries high-tech audio devices that can be effective against many species of woodpeckers. These units are programmed with woodpecker distress calls, as well as predator attack cries and loud noises like gun shots. When used with the visual devices mentioned above, these sounds enhance the threatening feeling of being surrounded by predators and usually convince the birds to find more suitable surroundings.

### Woodpecker Hole Filler and Deterrent

Woodpecker Hole Filler and Deterrent is a 100% solids epoxy resin system specifically designed to repair damage from woodpeckers to utility poles, fences, siding, etc. Its lightweight, thick consistency is similar to cake frosting. Unlike other fillers, this product does not contain dangerous isocyanates and is not moisture sensitive during storage or cure. This product contains a non-toxic, environmentally safe, FDA-approved natural bird deterrent that works on woodpeckers and other birds that peck and damage wood or other surfaces. In its cured state, this product is a harmless piece of plastic that can be disposed of as non-hazardous trash. When applied correctly, the surface of this resin system slowly emits its encapsulated deterrent providing future damage protection. Even after the surface deterrent has disappeared, further protection is provided whenever the area is pecked, releasing more deterrent encapsulated within the repaired area.

## Directions for use:

The Hole Filler kit comes with a mixing bowl (outer container), resin/deterrent, activator, 2 mixing sticks, and 2 pairs of protective gloves. At the hole or area to be repaired follow these simple steps:

- 1. Remove the contents from the outer container/mixing bowl.
- 2. Put on one pair of protective gloves.
- 3. Remove the lids of the resin and activator containers and using a mixing stick for each material, scoop out the contents into the mixing bowl (outer container). If only a partial batch is to be mixed, thoroughly shake and mix each container before combining to ensure against any settling that may have occurred during storage or shipping. Failure to do this may result in improper cure results.
- 4. Thoroughly mix the activator and resin until the color is uniform, with no marbling. Mixing sticks are provided, but mixing is best performed by kneading the components with your gloved hands.
- 5. Fill the hole or damaged area. Allow system to cure. Cure time will vary according to temperature conditions. If environmental protection is needed during cure, spray the surface of the curing resin system with Woodpecker Spray Deterrent to form a thin skin over the repaired area until full cure. Use of this system when ambient temperature is less than 50° F increases cure time.
- 6. When finished, use the mixing bowl to collect all discarded items until they can disposed of in a proper manner.

Use mineral spirits or 99% isopropyl alcohol for general clean up. Avoid touching the mixture. Although this product is safe for general use, the deterrent scent will remain on the skin, much like perfume, and

may be difficult to remove. Protective gloves should be worn when using this product. Store excess product in cool dry area between  $34^{\circ} - 140^{\circ}$  F.

#### Woodpecker Deterrent and Protective Coating Spray

Woodpecker Deterrent and Protective Coating Spray provides an initial protective skin to cover areas repaired with Woodpecker Hole Filler and Deterrent from weather conditions until sufficient cure is obtained. The Spray can also be used on areas where woodpecker damage is anticipated to help avoid future damage. This product is a non-reverting, non-oxidizing, protective latex film that contains a natural smell & taste deterrent. This non-toxic, environmentally safe bird deterrent slowly emits its encapsulated deterrent to provide protection from future damage. Even after the surface deterrent has totally disappeared, protection is provided whenever the repaired area is pecked, because the pecking action releases more deterrent encapsulated within the coating.

#### **Directions for use:**

Pour the 1.5 ounce bottle of Fog Force Max into the spray bottle, replace the cap, and shake aggressively. Replace the cap with spray head. Spray over area so that a uniform coating is obtained (similar to spray painting). Apply two coats and spray quickly over vertical surfaces to help control dripping and runs. One quart covers approximately a 20' x 20' area. It is necessary to re-apply product after heavy rains. On buildings with a history of woodpecker problems reapplication may be necessary if persistent birds return. **Do not attempt to spray onto or near live electrical wires!!!!** Avoid touching the liquid. Although this product is safe for general use, the deterrent scent will remain on the skin, much like perfume, and may be difficult to remove. Protective gloves should be worn when using this product. If area is not well ventilated, be sure to wear a respiratory mask. General clean up can be performed using soap and warm water. Store excess product in cool, dry area between 34° – 140° F.

# Woodpecker Deterrent Additive for Paint & Stain

**Woodpecker Deterrent Additive for Paint & Stain** provides protection for treated areas anticipated woodpecker damage. This product is a non-reverting, non-oxidizing, non-toxic additive that contains a natural smell & taste deterrent. Protection is provided whenever the repaired area is pecked as this action releases the deterrent encapsulated within the paint or stain.

#### **Directions for use:**

Add one container of additive (4 ounces) for each gallon of exterior paint or stain. Be sure to allow sufficient room in the paint container for mixing. Stir thoroughly for at least tow minutes. Apply paint/stain to surface to be treated, using at least two coats (preferrably three coats!). Use caution to avoid getting additive on your skin as it will linger, much like perfume, for an extended period. This product is non-toxic.