

# AQUA•RESIN®

## SPRAYING AQUA-RESIN:

Spraying an Aqua-Resin mix is fundamentally the same as spraying most high viscosity materials. The normal mix ratio, 1 Lxf to 3 S3 by weight (1:2 by volume), has proved to be very satisfactory for most common spray applications.

For spraying a final surface onto a finished part, the gun that has so far proved the most satisfactory is the **Devillebiss Gravity Feed Compact Gun** (Devillebiss states there is no model number). A recommended fluid tip is: 0.086" 2.2 MM SP-200S-22-K S. It is suggested that trials begin with the lowest pressure that will adequately atomize the material.

For spraying into a mold, where surface is not a consideration, but rapid buildup of material is, we find that a **hopper gun**, such as those intended to spray drywall compounds performs quite well. Some brands and suppliers are Home Depot, Harbor Freight and Graco. We recommend the lowest atomization pressure be used for these guns.

Other spray guns may perform as well or better. Some things to consider are: Because of the high viscosity mix, a gravity feed is preferred. Because Aqua-Resin is a catalyzed material that will set up hard, there is danger of permanently clogging the gun. Guns that are easy to clean with a water flush will be the least problematic. If there is danger of the material setting too quickly before cleaning is possible, we recommend using our Retarder **D-XL™** to increase working time. Guns should be ones intended for water-based materials (rust proof). Sprayers like HVLP units and Airless Sprayers would most likely be too difficult to clean and are not recommended.

It should also be noted that Aqua-Resin will set up underwater in drains. Flushing the gun into a bucket with later disposal is recommended.

The use of a NIOSH approved respirator suitable for spraying water-based acrylic paint, and equipped with a particulate filter, is recommended.

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*The above recommendations and instructions provided for Aqua-Resin® products are presented in good faith and believed to be correct and accurate. However, since user methods and conditions of application are entirely beyond our control, this information is offered without warranty. The user is advised to do their own testing to determine suitability for their particular application.*