

Safety

WARNING

Flammable. Contents under pressure. Deliberate or intentional misuse by inhaling vapors may be harmful or fatal. Do not puncture or incinerate container. Do not expose to heat, sparks, open flame or store at temperatures in excess of 120° F (49° C). This is not a toy. Keep out of reach of children. Do not use with foods or pharmaceuticals.

WARNING

Work in a well ventilated area when mixing or spraying paint and other volatile liquids. Keep away from open flame. Avoid breathing fumes.

Directions For Use

Spray for 15 seconds to prime valve with product. Practice on a piece of cardboard or scrap metal if you have never used a PREVAL® sprayer. Start at the top and spray gently back and forth overlapping each stroke to make sure of an even coating. Start spraying with the sprayer in motion and release the button while the sprayer is still moving at the end of the stroke to avoid runs. If the Preval power unit becomes too cold from continuous spraying, you may see a decrease in power or sputtering. Let the unit rest until it reaches room temperature before trying to spray again. If this does not work, wrap the unit with a warm towel to continue spraying.

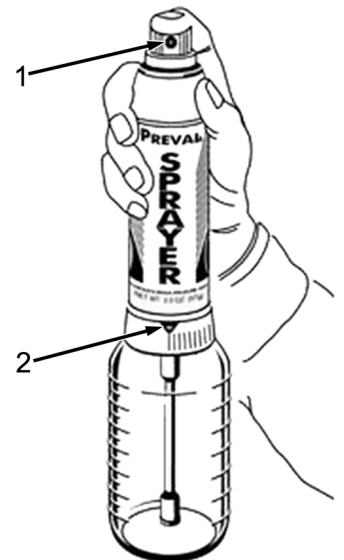
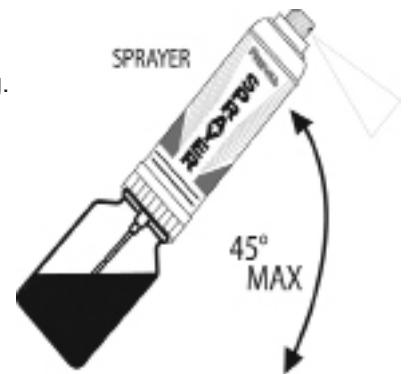
NOTE: The power unit is vented. Do not tip beyond 45° or liquid will run out the air vent preventing efficient performance.

1. Thin paints and finishes using instructions supplied by the manufacturer. Follow the thinning guide if manufacturer's instructions are not available (See Thinning Guide on next page). Do not fill the container above the line on the shoulder. Verify the product is thinned and mixed prior to attaching the container to the power unit. Never shake the container once it has been attached to the power unit.

2. Turn the button on the power unit so the red insert (1) in the button points in the same direction as the air vent (2) on the coupling.

3. Spray at room temperature for best results. Hold the sprayer upright, 6" to 10" from the surface being sprayed (5" with lacquers and other quick drying finishes). Keep the sprayer moving constantly.

4. Apply two or more coats for desired coverage. If you are too close to the surface, paint will build up too quickly and will run. If you are too far away from the surface, the paint will dry before it reaches the surface and dimpling will result.



Cleaning

Remove the power unit from the container immediately after use. Cap and store the unused liquid. Clean the power unit by placing the dip tube in thinner and spraying until clean. If you are reusing the product container, clean with the same thinner used to clean the valve.

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Clogging

Should the unit clog or sputter while spraying, hold your finger over the red insert in the button and push the button down for a second (you will see bubbles in the liquid as the clog is pushed out of the unit). If this does not clear the clog, replace the button as product may have dried in the button. The sprayer may not work if shaken, let the unit sit for 15 seconds before trying to spray again.

Thinning

Note: The following Thinning Guide represents specific instructions for paints and thicker materials. The Preval Sprayer is not limited to only spraying these products. Visit www.preval.com for more information on the many different uses of your Preval Sprayer.

Thinning Guide		
	Ratio	
Product	Product	Thinner
Varnish	4 fl oz (118 mL)	0.5 fl oz (15 mL)
Enamel	4 fl oz (118 mL)	1 fl oz (30 mL)
Lacquer	4 fl oz (118 mL)	1 fl oz (30 mL)
Latex Paint	3 fl oz (89 mL)	2 fl oz (59 mL)
Oil & Alkyd Base Paints	4 fl oz (118 mL)	1 fl oz (30 mL)
See manufacturer's instructions for automotive paint.		

Stains, shellac or other water-thin products generally do not require any thinning. Use the thinner recommended by the manufacturer whenever thinning.

NOTE: For water-based paints and acrylics - thin at a 3:2 ratio. Remove container from power unit, add conditioner and shake before re-attaching to power unit.

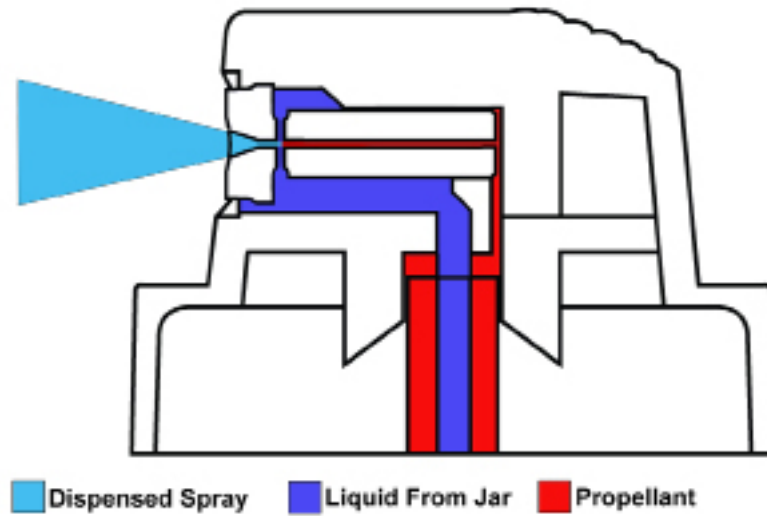
Paint Coverage

NOTE: The following results will vary. This table is for reference only. Follow the instructions and estimated coverage on the manufacture's label.

PREVAL Estimated Paint Coverage				
Type of Paint Used in the Preval System	Dilution	Thinner Used	Coverage (Sq. Ft.)	Volume Used (ml)
Red Lacquer (Oil Based)	4 to 1	Lacquer Thinner	85.5*	440
White Latex (Water Based)	3 to 2	Latex X-Tender®	60.0*	125
Clear Varnish (Oil Based)	4 to 1	Paint Thinner	153.9*	340
White Alkyd (Oil Based)	4 to 1	Mineral Spirits	102.6*	160
Brown Protective Enamel (Oil Based)	4 to 1	Mineral Spirits	102.6*	230
White Semi Gloss Medium Base Latex (Water Based)	3 to 2	Latex X-Tender®	85.5*	185
* Estimated values from evacuation testing of one Preval power unit per type of paint				

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The Patented PREVAL Design - How it Works



When the button is pressed, propellant and liquid are mixed and dispensed as a spray at the nozzle by action of the venturi effect. Liquid from the jar is pulled up the tube as propellant travels across the holes in the red insert (inside the button). The propellant and liquid do not mix prior to being dispensed out of the nozzle.

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