



Acrylacq

Clear Gloss • Satin • Interior

DESCRIPTION: Safecoat® Acrylacq is a clear, hard and durable high gloss, water-based replacement for high solvent content lacquer. Its very low odor and VOC content has allowed it to be used even in the homes of the chemically sensitive. Safecoat® Acrylacq seals in outgassing from the substrate, and has superior resistance to stains, marring, and fingerprint marks. Also available in satin.

USE ON: Unfinished (or properly prepared and sanded previously finished) wooden surfaces such as wood cabinetry and doors, paneling, furniture, and wood railings, as well as some vinyl and other plastic surfaces (always test for compatibility with surface).

PRODUCT NUMBER AND CONTAINER SIZE:

Gloss: 51201 (quart), 51101 (gallon) and 51301 (five gallon).

Satin: 51281 (quart), 51181 (gallon) and 51381 (five gallon).

ADVANTAGES / SIGNIFICANT BENEFITS:

- High solids, more film build, better flow, higher luster. Comparable to conventional lacquers in performance without the toxicity.
- Safely used by and for the chemically sensitive.
- Fights indoor air pollution, seals in offgassing
- Very low VOC content, meets or exceeds all federal and state air quality regulations, including California.
- Contains no formaldehyde.

SURFACE PREPARATION: All surfaces must be clean and free from dirt, dust, grease, wax, oil, silicone, tsp/soap, mill scale, oxidation, loose peeling paint or varnish, or any foreign matter/contaminants. Apply test patches before undertaking large areas to assure good adhesion and lack of surface contamination. Wood staining should be completed before applying finish coats. Sand wood with the grain only. When surfaces have been sanded, dust and vacuum thoroughly to remove debris and then use a damp rag to remove dust before applying finish coats. (Note: tac rags may leave a residue that can interfere with flow and adhesion causing surface defects.) Wood surface may be dampened to raise grain, sanded, and then wiped free of dust before applying stain or finish. Moisture content of wood should be below 12% for best results. To achieve a satin finish on wood, apply multiple thin coats of Safecoat Acrylacq Gloss until the surface is completely sealed, followed by one final coat of Acrylacq Satin.

APPLICATION: Always have adequate ventilation. Intermix (boxing) all containers of the same sheen to ensure gloss uniformity before applying. Before using, mix coating thoroughly by gently stirring or rolling container to avoid air bubbles. Be sure to stir product thoroughly every 20 minutes during application. Do not shake container. Pour material to be used into another container before applying coating to avoid contaminating main container. Then apply as is, using a quality nylon brush, pad applicator, or unheated spray applicator. Apply liberal coats, keeping a good wet edge and avoid overbrushing. In most cases, a minimum of 3 coats is required, depending on the surface. When spraying, use a .015 tip or smaller. Apply thin even coats when spraying rather than heavy coats which will tend to sag. If spray pattern begins to dryspray, reduce air pressure and increase material flow to surface. Use aluminum oxide or silicon carbide sandpaper to sand between coats. Use a damp, dust free

rag after sanding to remove dust particles. For best results, this product should not be reduced. Use only during low or moderate humidity conditions. Applying product over lightly dampened surfaces can assist in controlling the dry time and obtaining smoother finishes. Safecoat Acrylacq can be buffed or rubbed out after 1-2 days of cure (although for best results allow to cure up to 7 days). Take care to avoid generating excessive heat when buffing. *Note: these instructions are intended to be general only and not exhaustive. The applicator should determine which preparation and techniques are best suited to the specific surface.*

COVERAGE: One gallon of Safecoat Acrylacq covers approximately 350 square feet in one coat depending on method of application and surface porosity.

CLEAN-UP: Clean tools and equipment while still wet with a solution of **SafeChoice Super Clean** and warm water.

DRYING/CURING TIME: Under normal conditions, Safecoat® Acrylacq dries to touch in one hour, is sandable after 2 - 4 hours, and re-coatable after 4 - 8 hours. The product will continue to cure and become harder over time. Normal conditions include a dry surface, access to fresh airflow, moderate humidity, and temperatures around 70°F. Thick application, high humidity or conditions other than normal will cause Safecoat Acrylacq to dry and cure more slowly.

LIMITATIONS: Unlike conventional finishes, Safecoat finishes are made without formaldehyde preservatives or toxic mildewcides or fungicides. Do not contaminate. Store in airtight containers. Do not use when indoor or surface temperature is below 55°F. Do not freeze. Note that even after full product cure, the finish can be scratched by animal claws, sharp edged furniture, and similar items. Care should be taken to minimize exposure to such conditions.

HEALTH PRECAUTIONS: As with all coatings and sealers, keep container tightly closed and out of the reach of children. Do not take internally. Always use adequate ventilation. Wear a mask when sanding and avoid breathing sanding dust. Avoid contact with skin and eyes and avoid breathing spray vapors and spray mist. *If you are chemically sensitive, always test for personal tolerance.*

LIMITED LIABILITY: Safecoat® products are guaranteed not to be defective when properly applied. Liability express or implied is limited to replacement of product or refund of purchase price and does not include liability for labor costs or consequential damages. Variable factors out of manufacturer's control, such as environmental conditions, application techniques, and surface conditions are critical to results obtained. Users are expected to exercise reasonable care to determine suitability of the product for each application. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of AFM products. **Always test in small, inconspicuous areas before application to the entire surface.**