



Tips For Working With “Low-VOC” Exempt Solvent Sealers



Certain state environmental agencies have enacted stringent regulations to reduce the use of materials containing Volatile Organic Compounds (VOCs). These “low-VOC” jurisdictions impose strictly enforced limits—expressed in grams per liter (g/L)—on allowable VOC content. To meet these requirements, ChemMasters formulates its cures and sealers with ex-

empt solvents, which contain no VOCs as defined by those regulations.

ChemMasters has developed an extensive range of “low-VOC” products using exempt solvents. These alternative solvent products include:

Film Forming Cure & Protects

Crystal Clear—A
Certi-Vex AC1315 SuperSeal HG
Certi-Vex AC1315 SuperSeal Satin
Polyseal EZ
Certi-Vex AC1315 SuperSeal
Spray-Cure & Seal 25-A
Polyseal 309-A

Reactive Penetrating Water Repellents

Aquanil Plus 100
Certi-Vex Penseal 244 100%
Aquanil Plus 40-A
Certi-Vex Penseal 244 40% AIM

Nobody has more or better performing options!

ChemMasters’ low-VOC options are specifically engineered to address the most common frustrations with competitive low-VOC formulations. Our products deliver:

- Greater bubble resistance for a better finish
- Reduced stringing or “cob-webbing” during application
- Superior resistance to whitening or blushing
- Improved breathability
- Enhanced user-friendliness for easier, more efficient application

Make ChemMasters your trusted low-VOC cure & protect source!

Tech Tips:

For superior performance in challenging conditions, consider using one of ChemMasters’ specially formulated bubble- and whitening-resistant products. Unlike competitive “low-VOC” products, these can be applied safely in most environmental conditions, including high temperatures and windy conditions.

- **Polyseal EZ**
- **Stamped & Decorative Concrete Sealer 400-A**

Application Guidelines:

For best results, apply cure & protect products during the cooling phase of the day. This helps prevent “outgassing,” where expanding air within warming concrete forms bubbles in the coating.

Spray apply using a low pressure, solvent resistant airless sprayer equipped with a fan nozzle orifice of 0.020” to 0.035” at ½ to 1 gpm.

- The optimum spray pattern is an 8” to 12” fan, holding the tip 8” to 12” above the concrete surface.
- Be careful to apply uniformly as uneven spray patterns will be visible in the cured sealer.
- Maintain adequate sprayer pressure.
- Backroll with a short nap, solvent resistant roller cover for uniformity.
- Use xylene or xylol to keep your roller cover clean and free of strings and cobwebs.

Roller apply using a short nap, solvent resistant roller cover.

- Be careful to apply uniformly as uneven roller patterns will be evident in the cured sealer.
- Use xylene or xylol to keep your roller cover clean and free of strings and cobwebs.
- Do not over apply. Carefully adhere to recommended application rates. More is not better!
- Do not allow to puddle.
- Avoid applications during the heat of the day, or under windy conditions. Cool, overcast days are optimum.

Consult with ChemMasters Technical Service Department if “whitening” or bubbling occurs, or with questions you may have regarding the proper use of “low-VOC” sealers or any ChemMasters product.