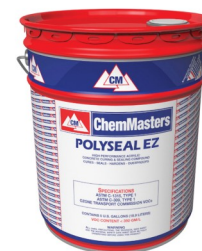




# Tips For Working With “Low-VOC” Exempt Solvent Sealers



Some state environmental agencies have mandated a reduction in the use of materials containing Volatile Organic Compounds (V.O.C.'s). These “low-VOC” states have imposed strictly enforced limitations on the quantity of VOC (measured in grams per Liter or “g/L”), requiring manufacturers like ChemMasters to utilize “exempt” solvents (solvents with no VOC content) to produce cures and sealers.

In response to these regulations, ChemMasters introduced a family of “low-VOC” products using exempt solvents. These alternative solvent products are designated with an “A” and referred to as our “A-Team”.

## ChemMasters A-Team

Spray-Cure & Seal 25-A	Polyseal-A
Aquanil Plus 40-A	Polyseal EZ
Traz 25-A	Crystal Clear-A
Stamped & Decorative	Silencure-A
Concrete Sealer 400-A	

Although exempt solvent chemistries are more environmentally friendly, they do pose some unique challenges during use and application. Exempt solvents evaporate more quickly, and can result in:

- More frequent bubble formation in the sealer
- Stringing or “cob-webbing” during application
- Unintentional over application
- Loss of sealer permeability or breathability
- More frequent “whitening” or “blushing” of the sealer

By making some adjustments to how and when you apply exempt solvent concrete sealers and cure & seals, you will find that ChemMasters “A-Team” products will give you all the advantages of solvent-based products with trouble free installations.

## Tech Tips:

- Consider using one of ChemMasters specially formulated bubble & whitening resistant products. These products can be safely used in most environmental conditions (high temperatures & wind) that are problems for most “low-VOC” sealers.

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

- 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 evident 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 cobwebbs.
- 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 cobwebbs.
- 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.*