



# TECH TIPS

a technical bulletin by the experts at Gaco Western

## Keep it Cool...

It's getting hot out there, so keeping you, your team and your spray chemicals cool is imperative. Although there are steps to take that allow for spraying foam through the heat of the day without worrying about dehydration or your spray chemicals getting too hot, this is the time of year where it can really pay to get up earlier and beat the sun to the jobsite.



Being fresher and unburdened by the heat of the sun can maximize your productivity and will allow you to get the job done quicker. Working through the heat of the day will lead to less productivity, requiring more breaks and cooling down time. As it does get hotter through the day, make sure you rotate your team frequently to keep them fresh.

Keeping you and your team cool during a job is an important factor. A lightweight coverall suit is preferred where heat stress may be a concern. Also, all sprayers who have a cooled supplied air system for their mask or hood last a lot longer than those that do not. There are also different types of rechargeable cooling vests available on the market that you can wear under your spray suits.

Hydration is another key factor – water, water, and more water. A cooler full of ice water is a friend indeed. Keep your consumption of energy drinks and caffeinated sodas to a minimum as they can cause dehydration.

We also need to be very conscious of the drum temps on our spray rig. Our closed cell products have a gas blowing agent called 245fa that has a low boiling point of 59° F in a pure state, but this does vary due to its solubility in the polyol. Keeping

these drums below 80° F in a trailer in the summertime is ideal. Some contractors who spray a lot of closed cell product have insulated trailers and an A/C system ready to go. If your rig is not equipped to keep the chemicals cool, make sure you are prepared with a fan for venting and possibly bags of ice to keep a drum cool.

Failure to keep them cool can result in the frothing of a drum, which is when the gas 245fa gets too hot and it needs to escape. If the drum is capped, the heated gas will create pressure in the drum, causing it to distend or bow upwards. Uncapping drums in this state is dangerous so take all the proper precautions before reopening. (Cool it down, wear proper PPE, open it slowly and allow any pressure to release before removing cap.)

If in need of any assistance, call your local technical rep or 855.639.4649. 



### Having trouble with foam? Just pick up the phone!

Gaco Western's Tech Hotline: **855 639 4649**

8am - 8pm CST, Mon-Sun

### Ideas, suggestions or questions?

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