

CASE STUDY - POLYURETHANE

Protecting tools & equipment with a protective coating.

PREVENTS
DAMAGE
CAUSED BY
OVERSPRAY.



IMPROVES
QUALITY OF
END PRODUCT.



WHAT WE ACHIEVED.

Spray foam insulation is a notoriously sticky substance, posing day-to-day challenges for operators. When overspray occurs with spray foam insulation used in the industry's processes, the excess adheres to everything it touches. Without protection, damage to equipment surfaces inevitably occurs during the removal process — and over time, overspray coating can cause larger issues and increased costs by hiding that damage. Chem-Trend has created an advanced and exceptionally versatile solution with SprayFoam Silicone, which provides a protective barrier for a broad range of materials — including glass, stainless steel, acrylic, and polyethylene — as well as spray guns and other tools to make cleaning easier.

HOW WE GOT THERE.

Working closely with our customers in their facilities around the world, Chem-Trend partners with operators and their teams to identify common issues that arise during manufacturing processes. These close relationships allow us to continuously improve our products as we understand the specific challenges that can impede success, including equipment damage, product waste, excessive downtime for cleaning, and lower-quality end products. We created SprayFoam Silicone to address the need of our customers for a

preventative coating with enough flexibility to protect a wide variety of surfaces, from manufacturing materials and tools to other items susceptible to overspray adhesion on the shop floor, like lights and countertops.

OUR SOLUTION.

Chem-Trend SprayFoam Silicone can be applied in multiple light coats with drying time in between each application. This creates a protective barrier and prevents overspray adhesion to protect and extend the life of tools, equipment, spray guns, and other fixtures. With SprayFoam Silicone, removal can now occur without causing damage. In addition, using SprayFoam Silicone on equipment like scaffolding will help keep such surfaces clean for future quality inspection, preventing rental returns and potential fines for faulty equipment.



HANDPRINT IMPACT.

At Chem-Trend, we pride ourselves on our long history of sustainability efforts. However, it is our effect on our customers' processes that provides the greatest impact. It goes beyond our global Footprint; it is our even wider Handprint.

Here, we achieved the following:

- Reduction of material waste by extending the life of equipment and other tools.
- Reduction of energy due to fewer stoppages for cleaning and removal of overspray.

For more information about our polyurethane capabilities, our innovations, or other stories, visit CHEMTREND.COM

