

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 10/03/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Fiberglass

PartType: Coupon

Contaminants: Paints

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Cleaning: 5 min. Immersion Soak cleaning at 130 F with stir-bar agitation.
Rinsing with Tap Water
Drying: 30s Air blow off using hose
Contaminant: Paint
Substrate: 3"x 4.5"x0.125 - Fiberglass Coupons

Results:

Summary:

| | | | | | |
|-------------------------|------------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Fiberglass | | | | |
| Contaminants: | Paints | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 23.63 | <input type="checkbox"/> | |
| Transene Company, Inc. | D Greeze 500 LO | 5 | 40.40 | <input type="checkbox"/> | |
| 21st Century Composites | Envirosolve | 100 | -130.49 | <input type="checkbox"/> | |
| Oakite Products | Inproclean 3800 | 5 | 32.26 | <input type="checkbox"/> | |

Conclusion: The four products did not remove a lot of the paint. One product, Envirosolve, increased in weight, possibly signifying that the product was being absorbed into the paint, softening the paint. Increased agitation may help to remove the softened paint.