

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 04/13/1999

Experimenters: Jason Marshall

ClientType: Vessel Cleaning Company

ProjectNumber: Project #2

Substrates:

PartType: Coupon

Contaminants: Adhesive, Resins/Rosins

Cleaning Methods: Immersion/Soak

Analytical Methods: Visual

Purpose: To assess the effect of temperature on the dissolving of the resin using previously tested cleaner.

Experimental Procedure: One product from the previous trial was heated to 120 F in a hot water bath so that the product could be evaluated at an elevated temperature.
The chemistries used were:
COMPANY PRODUCT
Gemtek SC Supersolve (from previous trial)
SUBSTRATE MATERIAL: None
CONTAMINANTS: Phenolic based Resin

Results: The heated cleaning solution started showing signs of dissolving the resin after five minutes. After 30 minutes the solution had turned solution was a dark, dark red. The color was the same as the unheated sample after the three days of soaking.

Summary:

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|----------------------|------------------------------|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | | | | | |
| Contaminants: | Adhesive, Resins/Rosins | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Gemtek Products | SC Supersolve Safety Solvent | 100 | | <input checked="" type="checkbox"/> | |

Conclusion: Heating the Gemtek Supersolve to a moderate temperature resulted in an increased rate of dissolving the resin. The MSDS of the cleaner has been included with the report.