

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 06/01/2003

Experimenters: Chang Won

ClientType: Lab

ProjectNumber: Project #1

Substrates: Wood

PartType: Coupon

Contaminants: Paints

Cleaning Methods: Manual Wipe

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: Brush on gel/paste strippers in one thick coat.
Run Time: Let sit 1 hour (60 min)
Removal: manual scrape with plastic spatula/scrapper (Home Depot general paint scraper)
Drying: 72-hour dry time to allow for evaporation of strippers from wood.

Results: 03-WD-PA-6-
Wood-Paint Product

| Poplar-Water | SI #4 | Peel Away #7 | Safety peel | Force 9 | Green | Strypeeze |
|--------------|-------|--------------|-------------|---------|-------|-----------|
| Coupon 1 | 48.43 | 45.33 | 49.92 | 41.77 | 44.83 | 45.81 |
| Coupon 2 | 44.25 | 50.83 | 52.26 | 50.05 | 47.70 | 40.03 |
| Coupon 3 | 43.40 | 45.47 | 45.01 | 54.49 | 50.59 | 48.92 |
| Average | 45.36 | 47.21 | 49.06 | 48.77 | 47.71 | 44.92 |
| Std Dev | 2.70 | 3.14 | 3.70 | 6.46 | 2.88 | 4.51 |

Summary:

| Substrates: | | Wood | | | | |
|----------------------|--|--------------------------|--------|-------------|--------------------------|---------------|
| Contaminants: | | Paints | | | | |
| Company Name: | | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Savogran Company | | SI #4 Coating Remover | 100 | 45.36 | <input type="checkbox"/> | |
| Dumond Chemicals Inc | | Peel Away 7 | 100 | 47.21 | <input type="checkbox"/> | |
| Prosoco Inc | | Enviro Klean Safety Peel | 100 | 49.06 | <input type="checkbox"/> | |
| Pollux Company | | Force 9 | 100 | 48.77 | <input type="checkbox"/> | |
| Vertec BioSolvents | | Take Off Green | 100 | 47.71 | <input type="checkbox"/> | |
| Savogran Company | | Strypeeze | 100 | 44.92 | <input type="checkbox"/> | |

Conclusion: