

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 (60min)
 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

| Maple-Water | SI #4 | Peel Away #7 | Safety peel | Force 9 | Green | Strypeez |
|-------------|-------|--------------|-------------|---------|-------|----------|
| Coupon 1 | 60.44 | 60.30 | 60.90 | 51.85 | 50.63 | 46.70 |
| Coupon 2 | 61.15 | 59.46 | 62.69 | 57.91 | 46.51 | 51.29 |
| Coupon 3 | 55.59 | 55.69 | 50.63 | 52.09 | 54.44 | 47.29 |
| Average | 59.06 | 58.48 | 58.07 | 53.95 | 50.53 | 48.43 |
| Std Dev | 3.03 | 2.45 | 6.51 | 3.43 | 3.97 | 2.50 |

Summary:

| Substrates: | | Wood | | | | |
|----------------------|--|--------------------------|--------|-------------|--------------------------|---------------|
| Contaminants: | | Paints | | | | |
| Company Name: | | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Savogran Company | | SI #4 Coating Remover | 100 | 59.06 | <input type="checkbox"/> | |
| Dumond Chemicals Inc | | Peel Away 7 | 100 | 58.48 | <input type="checkbox"/> | |
| Prosoco Inc | | Enviro Klean Safety Peel | 100 | 58.07 | <input type="checkbox"/> | |
| Pollux Company | | Force 9 | 100 | 53.95 | <input type="checkbox"/> | |
| Vertec BioSolvents | | Take Off Green | 100 | 50.53 | <input type="checkbox"/> | |
| Savogran Company | | Strypeeze | 100 | 48.43 | <input type="checkbox"/> | |

Conclusion: