

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 06/01/2003

Experimenters: Chang Won

ClientType: Lab

ProjectNumber: Project #1

Substrates: Wood

PartType: Coupon

Contaminants: Coatings

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

| Oak-Poly | SI #4 | Peel Away #7 | Safety peel | Force 9 | Green | Strypeeze |
|----------|-------|--------------|-------------|---------|-------|-----------|
| Coupon 1 | 86.95 | 86.08        | 83.36       | 84.93   | 83.32 | 85.02     |
| Coupon 2 | 87.37 | 88.62        | 85.69       | 81.79   | 81.09 | 81.27     |
| Coupon 3 | 84.34 | 89.40        | 83.97       | 83.45   | 80.32 | 84.38     |
| Average  | 86.22 | 88.03        | 84.34       | 83.39   | 81.58 | 83.55     |
| Std Dev  | 1.64  | 1.74         | 1.21        | 1.57    | 1.56  | 2.01      |

Summary:

| <b>Substrates:</b>   |  | Wood                     |        |             |                                     |               |
|----------------------|--|--------------------------|--------|-------------|-------------------------------------|---------------|
| <b>Contaminants:</b> |  | Coatings                 |        |             |                                     |               |
| Company Name:        |  | Product Name:            | Conc.: | Efficiency: | Effective:                          | Observations: |
| Savogran Company     |  | SI #4 Coating Remover    | 100    | 86.22       | <input checked="" type="checkbox"/> |               |
| Dumond Chemicals Inc |  | Peel Away 7              | 100    | 88.03       | <input checked="" type="checkbox"/> |               |
| Prosoco Inc          |  | Enviro Klean Safety Peel | 100    | 84.34       | <input checked="" type="checkbox"/> |               |
| Pollux Company       |  | Force 9                  | 100    | 83.39       | <input checked="" type="checkbox"/> |               |
| Vertec BioSolvents   |  | Take Off Green           | 100    | 81.58       | <input checked="" type="checkbox"/> |               |
| Savogran Company     |  | Strypeeze                | 100    | 83.55       | <input checked="" type="checkbox"/> |               |

Conclusion: