

# 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:

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-Oil  | SI #4 | Peel Away #7 | Safety peel | Force 9 | Green | Strypeez |
|----------|-------|--------------|-------------|---------|-------|----------|
| Coupon 1 | 71.51 | 71.88        | 69.88       | 69.10   | 64.71 | 75.66    |
| Coupon 2 | 65.01 | 80.72        | 71.28       | 74.81   | 61.71 | 76.72    |
| Coupon 3 | 65.43 | 73.45        | 63.00       | 66.50   | 62.31 | 78.11    |
| Average  | 67.32 | 75.35        | 68.05       | 70.14   | 62.91 | 76.83    |
| Std Dev  | 3.63  | 4.72         | 4.43        | 4.25    | 1.59  | 1.23     |

Summary:

| <b>Substrates:</b>   |  | Wood                     |        |             |                                     |               |
|----------------------|--|--------------------------|--------|-------------|-------------------------------------|---------------|
| <b>Contaminants:</b> |  | Paints                   |        |             |                                     |               |
| Company Name:        |  | Product Name:            | Conc.: | Efficiency: | Effective:                          | Observations: |
| Savogran Company     |  | SI #4 Coating Remover    | 100    | 67.32       | <input type="checkbox"/>            |               |
| Dumond Chemicals Inc |  | Peel Away 7              | 100    | 75.35       | <input checked="" type="checkbox"/> |               |
| Prosoco Inc          |  | Enviro Klean Safety Peel | 100    | 68.05       | <input type="checkbox"/>            |               |
| Pollux Company       |  | Force 9                  | 100    | 70.13       | <input type="checkbox"/>            |               |
| Vertec BioSolvents   |  | Take Off Green           | 100    | 62.91       | <input type="checkbox"/>            |               |
| Savogran Company     |  | Strypeeze                | 100    | 76.83       | <input checked="" type="checkbox"/> |               |

Conclusion: