

# 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

| Pine-Water | SI #4 | Peel Away #7 | Safety peel | Force 9 | Green | Strypeeze |
|------------|-------|--------------|-------------|---------|-------|-----------|
| Coupon 1   | 58.30 | 57.17        | 60.35       | 59.19   | 63.02 | 49.20     |
| Coupon 2   | 63.01 | 57.66        | 58.56       | 58.70   | 68.72 | 64.95     |
| Coupon 3   | 56.96 | 59.40        | 57.72       | 65.64   | 64.14 | 54.50     |
| Average    | 59.42 | 58.08        | 58.88       | 61.17   | 65.29 | 56.22     |
| Std Dev    | 3.17  | 1.17         | 1.34        | 3.87    | 3.02  | 8.01      |

Summary:

| <b>Substrates:</b>   |  | Wood                     |        |             |                          |               |
|----------------------|--|--------------------------|--------|-------------|--------------------------|---------------|
| <b>Contaminants:</b> |  | Paints                   |        |             |                          |               |
| Company Name:        |  | Product Name:            | Conc.: | Efficiency: | Effective:               | Observations: |
| Savogran Company     |  | SI #4 Coating Remover    | 100    | 59.42       | <input type="checkbox"/> |               |
| Dumond Chemicals Inc |  | Peel Away 7              | 100    | 58.08       | <input type="checkbox"/> |               |
| Prosoco Inc          |  | Enviro Klean Safety Peel | 100    | 58.89       | <input type="checkbox"/> |               |
| Pollux Company       |  | Force 9                  | 100    | 61.17       | <input type="checkbox"/> |               |
| Vertec BioSolvents   |  | Take Off Green           | 100    | 65.29       | <input type="checkbox"/> |               |
| Savogran Company     |  | Strypeeze                | 100    | 56.22       | <input type="checkbox"/> |               |

Conclusion: