

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2015
 DateRun: 06/26/2015
 Experimenters: Luis Raudales
 ClientType: General
 ProjectNumber: Project #1
 Substrates: Wood
 PartType: Coupon
 Contaminants: Paints
 Cleaning Methods: Manual Wipe
 Analytical Methods: Visual
 Purpose: To evaluate two paint remover products for manual removal of paint and varnish from painted wooden coupons.

Experimental Procedure: Six pre-weighted wooden coupons were double coated with the supplied paint and varnish. Once dried, a second weight was recorded to determine the amount of paint added to the coupon. The cleaner was applied to each coupon with a brush and then cleaned using a 3m Heavy Duty Scour Pad. Each coupon was scraped firmly five times every five minutes and a new coat of cleaner was added after each round. After the 30 minutes period was over, the coupons were overnight dried; a third weight was recorded to determine the amount of paint was removed and efficiency was calculated.

- Visual Performance ranking:
 1) Excellent total removal
 2) Good removal
 3) Fair removal
 4) Soften Paint
 5) No removal

Results: Visual Rating of Paint Removal

Soil	5 mins	10 mins	15 mins	20 mins	25 mins	30 mins
Black Paint	4.2	2.3	1.3	1.2	1.2	1.0
Varnish	5.0	3.0	2.3	1.7	1.2	1.2

Soil 5 min 10 min 15 min 20 min 25 min 30 min
 Black Paint 4.2 2.3 1.3 1.2 1.2 1.0
 Varnish 5.0 3.0 2.3 1.7 1.2 1.2

Summary:

Substrates:	Wood				
Contaminants:	Paints				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
WM Barr & Company	Paint & Varnish Stripping Gel			<input checked="" type="checkbox"/>	

Conclusion:

Paint & Varnish Stripping Gel performed the best on painted coupons removing more than 95% of the contaminant. It also has a high efficiency by removing varnish up to 90%.