CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2015

DateRun: 06/25/2015

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		0.00	☑	

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%.