

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999  
 DateRun: 04/02/1999  
 Experimenters: Jason Marshall  
 ClientType: Vessel Cleaning Company  
 ProjectNumber: Project #2  
 Substrates: Liquid  
 PartType: Coupon  
 Contaminants: Adhesive  
 Cleaning Methods: Immersion/Soak  
 Analytical Methods: Shake method, Visual  
 Purpose: To find other alternative cleaners for the cleaning of adhesives  
 Experimental Procedure: Three products were selected for the cleaning trial based on vendor information. Twenty-five milliliters of each cleaner were poured into a 30 mL vial. Approximately 0.5 gram of the contaminant was weighed and placed into each beaker. Each vial was covered with the supplied cap and shaken for 30 seconds. Observations were recorded. The shaking and observation cycle was repeated.  
 SUBSTRATE MATERIAL: None  
 CONTAMINANTS: Adhesive (neoprene with resin base with mix of toluene, hexane and MEK)  
 Results: Only one of the three cleaners showed any immediate signs of dissolving the adhesive. After sitting for three nights, a second cleaner did begin to dissolve the contaminant. Table 1 lists the results for each cleaner.

Table 1. Cleaning Observations

Cleaner	SI NO 4	SI NO 8	HD 34
5 minutes	good dissolving	no dissolving	no dissolving
10 minutes	more dissolving	no dissolving	no dissolving
2 hours	Similar to Resineater Results	no dissolving	no dissolving
3 days	Similar to Resineater Results	Some dissolving	no dissolving

Summary:

<b>Substrates:</b>	Liquid				
<b>Contaminants:</b>	Adhesive				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Savogran Company	SI #4 Coating Remover	100		<input checked="" type="checkbox"/>	
Savogran Company	SI #8 Coating Remover	100		<input type="checkbox"/>	
Savogran Company	HD-34 Cleaner Degreaser	100		<input type="checkbox"/>	

Conclusion:

SI No 4 showed good dissolving capability of the adhesive. It performed very similar to Fingerlakes Resineater from previous testing. MSDS for this product has been included as well as a contact name.