

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/08/2002  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 PartType: Coupon  
 Contaminants: Latex binder  
 Cleaning Methods: Immersion/Soak  
 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 : 5 min. immersion cleaning at 120 F with stir-bar agitation.  
 Rinsing : 1/2 min. manual in water at 120 F.  
 Drying : 1 min with heat gun at 500 F.  
 Contaminant : latex binder mix (00146),  
 CAS # of contaminant : 9016-45-9,7664-41-7, 50-00-0

## Results:

### Summary:

<b>Substrates:</b>		Stainless Steel			
<b>Contaminants:</b>		Latex binder			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	38.49	<input type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	64.99	<input type="checkbox"/>	
Calgon Corporation	GP Xtra	5	42.48	<input type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	39.34	<input type="checkbox"/>	
Brulin Corporation	Nature Sol 100	5	49.19	<input type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	138.35	<input type="checkbox"/>	1 coupon efficiency 328.57 other below 55

Conclusion: None of the cleaners were effective.