

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/31/2002  
 Experimenters: Heidi Wilcox  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 PartType: Coupon  
 Contaminants: Adhesive  
 Cleaning Methods: Media Blasting  
 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: Media Blast with Baking Soda in machine from BSC Co Inc, Blasted each coupon 20-30 seconds under pressure of 80-100 psi  
 Rinsing: 1/2 minute with tap water, manual, at 120 F  
 Drying: Heat gun at 500 F  
 Contaminant: Aroset PS 8078, Ashland Chemical

**Results:**

**Summary:**

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Adhesive				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Armex Cleaning and Coating Removal Systems	Sodium Bicarbonate	100	0.04	<input type="checkbox"/>	1-2 minute media blasting, coupons 20 - 22
Armex Cleaning and Coating Removal Systems	Sodium Bicarbonate	100	0.02	<input type="checkbox"/>	10-20 second media blasting, coupons 23-25

**Conclusion:**

Media Blasting with baking soda is very ineffective on tacky adhesive. Used coupons 20 - 25 from trial 161. Did media blasting on 23 - 25 for standard time of 10 - 20 seconds with poor results. Media blasted coupons 20 - 22 for much longer time frame may help, but not likely.