

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/28/2002

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 at 120 F with stir-bar agitation.  
Rinsing: 1/2 min. manual with water at 120 F.  
Drying: 1 min. with heat gun at 500 F  
Contaminant: Latex binder mix (00146)  
CAS#: 9016-45-9, 7664-41-7, 50- 00 -0, 57-55-6, 79-06-1, 924-42-5, 1333-86-4, 7732-18-5  
Contains: fluoroacrylate copolymer emulsion  
Linear Alkyl Benzene Sulfonate

Results: None of the cleaners were very effective. Though fryer and grill cleaner were most effective out of all. The contaminant could be seen on the coupons.

Summary:

<b>Substrates:</b>		Stainless Steel				
<b>Contaminants:</b>		Latex binder				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>	
Sysco Corporation	Fryer & Grill Cleaner	5	86.21	<input checked="" type="checkbox"/>		
Tarksol Inc	SRKS 40	100	-115.00	<input type="checkbox"/>		
Transene Company, Inc.	D-Greeze GL 46	5	66.18	<input type="checkbox"/>		
Tech Spray Inc	Concentrated Aqueous Defluxer	5	75.69	<input type="checkbox"/>		
Tomah Products Inc	Tomadyne 102	100	-2.80	<input type="checkbox"/>		
Chem Tech Solutions	Westech CT 1550	100	35.49	<input type="checkbox"/>		
Chem Tech Solutions	Westech CT-4712	5	64.86	<input type="checkbox"/>		

Conclusion: