CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/27/2002

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:

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

Conclusion: