CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 05/07/2002

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 with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: latex Binder Mix,
CAS#: 9016-45-, 79-06-1, 7664-41-7, 924-42-5, 50-00-0, 133386-4, 57-55-6, 7732-18-5

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Latex binder				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC 2	100	46.89	☐	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	54.42	☐	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	33.32	☐	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	57.28	☐	
Dow Chemical Company	XUS 40570 Development Solvent	100	59.59	☐	
Dow Chemical Company	XUS 40579 Development Solvent	100	54.60	☐	
Oakite Products	Inproclean 61 B		36.25	☐	Cocentration: 20.6g/ml
Oakite Products	Inproclean 2300		-6.03	☐	Concentration: 426 g/l
Magnaflux	Daraclean 121	5	23.77	☐	

Conclusion: None of the cleaners were effective.