

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 05/09/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Mold Releases
 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: 5 min. manual with water at 120 F
 Drying: 1 min. with heat gun at 500 F.
 Contaminant: GE SM-2163
 Silicone Emulsion
 CAS# 112945-52-5

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Mold Releases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Kyzen Corporation	Ionox HC 2	100	97.89	<input checked="" type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	95.06	<input checked="" type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	82.97	<input type="checkbox"/>	
Dow Chemical Company	XUS 40570 Development Solvent	100	96.96	<input checked="" type="checkbox"/>	
Dow Chemical Company	XUS 40579 Development Solvent	100	83.03	<input type="checkbox"/>	
Oakite Products	Inproclean 61 B		99.40	<input checked="" type="checkbox"/>	concentration: 20 g/l
Oakite Products	Inproclean 2300		97.77	<input type="checkbox"/>	Concentration: 20 g/l
Magnaflux	Daraclean 121	5	97.60	<input checked="" type="checkbox"/>	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	90.03	<input checked="" type="checkbox"/>	

Conclusion: