

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 05/10/2002

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: