

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:

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|------------------------|-------------------------------|-----------------|--------------------|-------------------------------------|----------------------|--|
| Substrates: | | Stainless Steel | | | | |
| Contaminants: | | Latex binder | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| 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: