

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999
 DateRun: 10/14/1999
 Experimenters: Nicole Vayo
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum, Brass, Stainless Steel
 PartType: Coupon
 Contaminants: Adhesive, Coatings, Fluxes, Greases, Inks
 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.
 Laboratory evaluation.
 Contaminant: Adhesive, CAS: 9010-98-4, 95997-13-9, 68083-03-4, 108-88-3
 Flux, RMA
 Coating, CAS: 64742-47-8, 64742-52-5
 Grease, CAS: 64742-47-8
 Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5

Results:

Summary:

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|-------------------------|---|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Aluminum, Brass, Stainless Steel | | | | |
| Contaminants: | Adhesive, Coatings, Fluxes, Greases, Inks | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Emkay Chemical Company | Safety Wash CRC | 5 | 88.20 | <input checked="" type="checkbox"/> | flux |
| Emkay Chemical Company | Safety Wash CRC | 5 | 14.30 | <input type="checkbox"/> | adhesive |
| Emkay Chemical Company | Safety Wash CRC | 5 | 100.20 | <input checked="" type="checkbox"/> | grease |
| Emkay Chemical Company | Safety Wash CRC | 5 | 3.30 | <input type="checkbox"/> | ink |
| Emkay Chemical Company | Safety Wash CRC | 5 | 94.20 | <input checked="" type="checkbox"/> | coating |
| Church & Dwight Co Inc. | Armakleen E 2001 | 5 | 94.80 | <input checked="" type="checkbox"/> | flux |
| Brulin Corporation | Formula 815 GD | 5 | 51.20 | <input type="checkbox"/> | flux |

Conclusion: