# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/10/2003

Experimenters: Jason Marshall

ClientType: TUR Agency

ProjectNumber: Project #1

Substrates: Wood

PartType: Coupon

Contaminants: Adhesive

Cleaning Methods:

Analytical Methods:

Purpose: Information request for acetone substitutions for hot melt adhesives in wood working

Experimental Procedure: Using the supplied information from the Database Search form, two lists of products were created. The first list contains products that have been used in the lab for adhesive cleaning. The substrates and equipment may not match the supplied information. The second list contains products recommended by vendors. The products match the specified information from the search form.

Results:

| Company Name | Product Name | Classification | Total | Adhesive |
|---|---|---|---|---|
| Alconox Inc | Citranox | Acidic Aqueous | 4 | Adhesive |
| Aremco | Crystalbond 590 S | Powder Detergent | 1 | Adhesive - Aremco Crystalbond 590 |
| Bio Chem Systems | Bio T Max | Terpene-Semi-Aqueous | 6 | Adhesive |
| | | | | Adhesive - 3M contact cement-30NF |
| | | | | Adhesive - AC-059 adhesive (108-88-3) |
| Bio Chem Systems | Solsafe 245 | Petroleum Distillate | 3 | Resin - Emerson & Cuming Stycast 1090 Black Epoxy (1675-54-3, 13 |
| | | | | Resin - Emerson & Cuming Stycast 4952 Red (silicone resin, ethyl |
| CSA Inc | Bio Safe 1023 | Hydrocarbon | 1 | Adhesive - Duro-Tac toluene-heptane based adhesives |
| Du Pont | DBE | Ester | 1 | Resin - Emerson & Cuming Stycast 1090 Black Epoxy (1675-54-3, 13 |
| Dynamold Solvents Inc | DS 104 | Petroleum Distillate | 6 | Adhesive - AC-059 |

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| | | | | adhesive (108-88-3) |
| | | | | Adhesive - Morton 717 (108-88-3, 108-05-4, 110-54-3, 142-82-5, 6 |
| Dynamold Solvents Inc | DS 108 | Petroleum Distillate | 1 | Adhesive - Aremco Crystalbond 590 |
| Ecolink | Positron | Organic | 7 | Adhesive (108-88-3, 9010-98-4, 65997-13-9, 68083-03-4) |
| Ecolink | Safe Strip | Organic | 1 | Adhesive |
| Ecolink | VG 151 | Terpene | 1 | Adhesive - Ashland Chemical Aroset PS 8078, (Lot# 071901)_ (141 |
| Inland Technologies Inc | Citrasafe | Terpene | 4 | Adhesive - Ashland Chemical Acrylic Sealant 5504 (108-88-3, 141- |
| International Products Corporation | Surface Cleanse 930 | Neutral Aqueous | 3 | Adhesive - Insta-Cure adhesive (7085-85-0), Insta-Set (64742-89- |
| Loctite Corporation | 7360 | Ester | 1 | Adhesive - 3M contact cement-30NF |
| MacDermid | ND Supreme | Alkaline Aqueous | 2 | Adhesive - Resin compounds |
| Oakite Products | Inproclean 3800 | Alkaline Aqueous | 1 | Resin - Emerson & Cuming Stycast 1090 Black Epoxy (1675-54-3, 13 |
| Safe Science | Safe Science All Purpose (Industrial) | Alkaline Aqueous | 2 | Adhesive (108-88-3, 9010-98-4, 65997-13-9, 68083-03-4, 657-13-9) |
| | | | | Adhesive (9010-98-4, 65997-13-9, 68083-03-4, 108-88-3, 67-56-1, |
| Safe Science | Safe Science Concrete/ Graffiti (Industrial) | Alkaline Aqueous | 6 | Adhesive (108-88-3, 9010-98-4, 65997-13-9, 68083-03-4, 657-13-9) |
| | | | | Adhesive (9010-98-4, |

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|---|---|---|---|---|
| | | | | 65997-13-9, 68083-03-4, 108-88-3, 67-56-1, |
| | | | 1 | Adhesive (9010-98-4, 65997-13-9, 68083-03-4, 108-88-3, 67-56-1, |
| Solvent Kleene Inc | D Greeze 500 LO | Organic | 2 | Adhesive - 3M contact cement-30NF |
| Tarksol Inc | Tarksol HTF-50 | Semi-Aqueous | 2 | Adhesive - Acrylic Sealant-Aromatic Hydrocarbon (108-88-3) |
| Today & Beyond | Beyond 2009 | Organic | 2 | Adhesive - AC-059 adhesive (108-88-3) |
| | | | | Adhesive - Morton 717 (108-88-3, 108-05-4, 110-54-3, 142-82-5, 6 |
| US Polychem Corporation | Hydropurge HPL 790 | Caustic | 1 | Adhesive (108-88-3, 9010-98-4, 65997-13-9, 68083-03-4, 657-13-9) |

Summary:

Conclusion: Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, please contact the lab at (978)934-3133.