

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
DateRun: 03/11/2003
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

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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 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)

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				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, 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.