CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 07/30/2000

Experimenters: Jason Marshall

ClientType: Consultant

ProjectNumber: Project #1

Substrates: Textile

PartType: Coupon

Contaminants: Adhesive, Resins/Rosins

Cleaning Methods:

Analytical Methods:

Purpose: Information request

Experimental Procedure: SUBSTRATE MATERIAL: Tape
REQUEST: We are working with a local manufacturer of packaging tape. They use toluene to dissolve large blocks of rubber which is used as an adhesive on the tape. Does anyone out there have suggestions for a HAP free solvent that dissolves rubber well?

Results: RESPONSE: The Massachusetts Toxics Use Reduction Institute (TURI) has made the results of the tests conducted at the Institute's Surface Cleaning Laboratory (SCL) into a searchable database format. This should make alternative cleaner selection faster and easier. Here are the results of your query, based on the information supplied.

General Test Results

SCL #	Substrate	Contaminant	Process	Cleaner Mfr	Product	Classification
94-402-01-8	Al	Adhesive	Immersion	Macdermid	Nd Supreme	Alkaline Aqueous
94-402-01-8	Ss	Adhesive	Immersion	Macdermid	Nd Supreme	Alkaline Aqueous
95-416-04-2	Ss	Adhesive	Manual	AWChest & Slvnt Klne	803 Marine Solvent & D-greeze 500	Mix
95-416-04-2	Ss	Adhesive	Manual	Mcdmd & SlvntKn Mix	Nd 17 & D-greeze 500	Alkaline/ solvent Mix
97-541-01-1	Plastic	Adhesive	Manual	Loctite	7360	Aliphatic Ester
97-541-02-2	Plastic	Adhesive	Manual	Eastern Color	Ecobrite Cleaner Ak	Aliphatic Ester Solvent
97-541-02-2	Plastic	Adhesive	Manual	Isopropyl Alcohol	IPA	Alcohol
97-541-02-2	Plastic	Adhesive	Manual	T-square	Htf 85 B	Terpene
98-541-03-2	Plastic	Adhesive	Manual	Inland Technologies	Safety Prep	Alkaline Aqueous
98-541-03-2	Plastic	Adhesive	Manual	Solvent Kleene	D-greeze 500	Hydrocarbon Solvent
98-541-03-2	Plastic	Adhesive	Manual	Solvent Kleene	D-greeze 500	Hydrocarbon Solvent
98-541-03-2	Plastic	Adhesive	Manual	Envirosolutions	Bio-t Max	Semi-aqueous Terpene
98-532-02-2	Glass	Adhesive	Immersion	Alconox	Citranox	Acidic Aqueous
98-522-03-1	None	Adhesive	Immersion	Finger Lakes	Resineater	Tarksol 97 Solvent
98-541-04-2	Plastic	Adhesive	Manual	Envirosolutions	Bio-t Max	Semi-aqueous Terpene
98-541-04-2	Plastic	Adhesive	Manual	Solvent Kleene		

CLEANING LABORATORY EVALUATION SUMMARY

					D-greeze 500	Hydrocarbon Solvent
98-541-04-2	Plastic	Adhesive	Manual	Solvent Kleene	D-greeze 500	Hydrocarbon Solvent
98-632-03-4	Glass	Adhesive	Immersion	Alconox	Citranox	Acidic Aqueous
98-632-04-4	Glass	Adhesive	Immersion	Alconox	Citranox	Acidic Aqueous
98-632-05-4	Glass	Adhesive	Immersion	Alconox	Citranox	Acidic Aqueous
99-622-07-1	None	Adhesive	Immersion	Savogran	Si No 4	Organic Solvent
99-622-07-1	None	Adhesive	Immersion	Savogran	Si No 8	Organic Solvent
99-622-11-2	None	Adhesive	Immersion	Envirosolutions	Solsafe 245	Alcohol-aliphatic Hydrocarbons
99-622-11-2	None	Adhesive	Immersion	Ag Environmental	Soy Gold 2000	Soy Methyl Ester
99-622-11-2	None	Adhesive	Immersion	Savogran	Si No 4	Organic Solvent
99-7111-01-4	Nickel	Adhesive	Immersion	Safescience	Concrete & Graffiti Remover	Alkaline Aqueous
99-7111-01-4	Nickel	Adhesive	Immersion	Safescience	All Purpose Cleaner	Alkaline Aqueous
99-7111-01-4	Copper	Adhesive	Immersion	Safescience	Concrete & Graffiti Remover	Alkaline Aqueous
99-7111-01-4	Copper	Adhesive	Immersion	Safescience	All Purpose Cleaner	Alkaline Aqueous
99-7111-01-4	SS	Adhesive	Immersion	Safescience	Concrete & Graffiti Remover	Alkaline Aqueous
99-7111-01-4	SS	Adhesive	Immersion	Safescience	All Purpose Cleaner	Alkaline Aqueous
99-7111-02-4	SS	Adhesive	Immersion	Safescience	Engine Degreaser	Terpene

Summary:

Conclusion: Cleaning projects vary from case-to-case. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.