



Common Materials Library

Library Listing – 304 spectra

This library is particularly useful to Homeland Security and National Guard investigators. The Common Materials Library consists of spectra of commonly found commercial products.

The library includes 304 spectra of products available on the market. Using this collection, unknown materials can be identified by their commercial names. A more complete identification, which includes chemical information, requires using this collection in combination with other libraries containing solvents, surfactants, polymers, inorganic materials, synthetic fibers, oils and other materials.

Common Materials

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
30	100% Linen	267	Castor Bean
32	100% Polyester	268	Castor Bean Leaf
31	100% Rayon	269	Castor Bean seed pod (inner)
28	100% Silk	84	Celebrex
36	100% cotton	124	Celery Seed
40	150 grit sand paper (grit side)	247	Cement, cured
59	150 grit sandpaper (back side)	106	Chamomile
3	2-cycle Oil	96	Chocolate (Hershey's Kiss)
202	200 speed film backing side	205	Cigarette tobacco
201	200 speed film emulsion side	83	Clarinet
41	60 grit sand paper (grit side)	286	Coenzyme Q-10
60	60 grit sandpaper (back side)	101	Coffee (ground, caffeinated)
27	80% Nylon 20% spandex	95	Coffee Creamer
69	81mg Coated Aspirin Tablet	217	Concealer
79	Acetaminophen w/codeine #3	285	Conjugated Linoleic Acid
165	Acetone (nail polish remover)	53	Contact Cement
70	Advil	63	Contact Cement (cured)
74	Albuterol (dry)	26	Contact Cleaner & Lubricant
167	Alkaline Batt	224	Copier Paper
221	All day make-up	122	Coriander Seed
129	Allspice	72	Cough syrup
86	Ambien	207	Crayon (red)
163	Amlactin	303	Creatine
93	Ammonia Inhalant	125	Cumin Seed
252	Ammonium Nitrate Fertilizer	48	DAP kitchen Caulk
14	Antifreeze (Orange)	301	DHEA
13	Antifreeze (green)	274	Dandelion
94	Apricot Herbal Tea	66	Dcon Rat killer
271	Arborvitae	102	Decaffeinated coffee, fresh
203	Baby Magic SPF 48 sunblock	211	Deep Rose blush
134	Baking Powder	35	Denim (blue side)
99	Baking Soda	34	Denim (inside)
135	Baking Soda	24	Diesel Cooling system treatment
87	Bandage Adhesive	123	Dill Seed
126	Basil Leaf	190	Drain cleaner
9	Battery terminal Protectant	111	Dry Milk Powder
181	Bee's wax	117	Dry Mustard
100	Beer (ale)	45	Duct Tape (Sticky side)
85	Biaxin XL	46	Duct tape (Back side)
304	Black Cohosh Extract	142	Duro Outdoor fixture adhesive (cured)
234	Black Ink	141	Duro Outdoor fixture adhesive (wet)
231	Black Sharpie marker (dry)	150	Elmer's Carpenter's wood glue (cured)
230	Black Sharpie marker (wet)	149	Elmer's Carpenter's wood glue (wet)
52	Black enamel paint	148	Elmer's washable school glue (cured)
168	Bleach	147	Elmer's washable school glue (wet)
170	Bleached coffee filter	49	Emery cloth (back)
209	Blue Crayon	58	Emery cloth (grit)
192	Blue Glossy paper (magazine)	139	Enfamil Lactose-free
236	Blue Ink	140	Enfamil Nutramigen Hypoallergenic
273	Blue Spruce	151	Epoxy part A
272	Boxwood	152	Epoxy part B
17	Brake Fluid	250	Evaporator Coil Cleaner
197	Brown leather wallet	215	Eye liner
29	Burlap (100% Jute)	210	Eyeliners
229	CD ROM (data side)	219	Face powder
178	CLR cleaner	214	Fast dry nail enamel
103	Caffeinated coffee, fresh	245	Felly's Professional Mix Topsoil
8	Carburetor cleaner	10	Fine lubricating oil
225	Cardboard, 150lb burst	263	Flax Seed
281	Carrot Seeds	18	Form A Gasket Sealant

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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
169	Freeze dried coffee	270	Mugo Pine
144	G-S Hypo tube cement (cured)	82	Naproxen (generic)
143	G-S Hypo tube cement (wet)	187	Newsprint (black ink)
16	Gas treatment	186	Newsprint (color ink)
1	Gasoline, unleaded, 87 octane	185	Newsprint (no ink)
118	Gin (alcoholic beverage)	90	Nitrile Glove
204	Glycerin USP	91	Nitrile gloves
261	Goldenseal Root	280	Norway Maple
4	Graphite lubricant	222	Nylon Washer
130	Ground Cloves	244	Oak
39	Gypsum Wallboard	109	Oolong tea
89	HazMat Glove	189	Oven Cleaner
255	Herbicide	206	Oxi-Clean
119	Hershey's Cocoa	54	PVC pipe
256	Hibiscus Root	56	PVC pipe cement
153	Hide Glue	55	PVC pipe cleaner
200	Hoppe's #9 solvent	43	Painter's Masking Tape (back)
262	Horehound Herb	42	Painter's Masking Tape (sticky side)
199	Human skin (live)	173	Paper towel
6	Hydraulic Brake oil	242	Parking Lot Tar
22	Hydraulic Jack oil	265	Peppermint Leaf
80	Hydrocodone/APAP 5mg/500mg	104	Peppermint Tea
248	Ice-Melt	243	Pine
77	Indomethacin (generic) 75mg	180	Pine-based cleaner
254	Insect Repellent	47	Plumber's Putty
253	Insecticide	38	Polyblend Ceramic Tile Caulk (cured)
97	Iodized table salt	37	Polyblend Ceramic Tile Caulk (wet)
166	Isopropyl alcohol	233	Post-it Note adhesive
279	Japanese maple	25	Power Steering fluid
155	Krazy Glue gel	264	Psyllium Seed
172	Latex Ceiling Paint	68	Pyrodex (black powder)
92	Latex Gloves	23	Radiator Stop Leak
208	Lavender Oil	258	Raspberry Leaf
112	Lavender honey	157	Rearview Mirror Adhesive
249	Lawn Fertilizer	133	Red Pepper Seed
287	Lecithin (liquid soy)	235	Red ink
275	Lemon Basil	128	Red pepper (dried)
257	Licorice Root	33	Rip-stop nylon
188	Lime remover	107	Rooibos (Redbush) tea
218	Lip Stick	276	Rose
216	Lipcolor	131	Rubbed Sage leaf
237	Liquid Paper (dry)	251	Rubber roof patch
179	Liquid Soap	175	Rubber shoe sole
232	Liquid paper (wet)	65	Safety Match head (red)
78	Lisinopril 30 mg (generic)	115	Saigon Cinnamon
12	Lithium grease	114	Salted Peanuts
302	Lutein	289	Saw palmetto
146	Lutz Gorilla glue (cured)	228	Scotch brand 898 tape - back side
145	Lutz Gorilla glue (wet)	227	Scotch brand 898 tape - sticky side
291	MSM plus	284	Selenium (as selenium yeast) GNC
226	Manila folder	105	Sencha organic tea
121	Marshmallow	174	Shampoo
220	Mascara	138	Similac Advance with iron
162	Method Cleaner	259	Slippery Elm inner bark
176	Mint Toothpaste	64	Smokeless Gun Powder
154	Mirror Adhesive Activator	61	Spackling Compound (cured)
50	Mortar cement	51	Spackling Compound (wet)
21	Motor Oil (10W-30)	212	Spanish Saffron
2	Motor oil	62	Spar Urethane
19	Muffler and tailpipe putty	136	Spearmint Altoid



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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
296	St. John's Wort	196	Visa card (white plastic)
238	Stamp Pad Ink (glycerine based)	294	Vitamin A
241	Stamp Pad inker (black)	297	Vitamin B1
240	Stamp pad ink (blue)	288	Vitamin B12 tablet
239	Stamp pad ink (red)	295	Vitamin B2
260	Stinging Nettle	299	Vitamin B3
158	Styrofoam	290	Vitamin B5
73	Sudafed (pseudoephedrine HCL)	298	Vitamin B6
67	Sulphuric acid	300	Vitamin B8
156	Super Glue	282	Vitamin C tablet
75	Swim-Ear	292	Vitamin D
20	Synthetic Motor Oil (5W-40)	283	Vitamin E oil
164	Tech Stain Remover	293	Vitamin K
11	Teflon Lubricant	5	WD40
44	Teflon Pipe Tape	223	Water
184	Terro Ant Killer	182	Wax Paper
15	Throttle Plate cleaner	81	Wellbutrin XL
127	Thyme	110	Wheat Gluten flour
160	Tide Clean Breeze Liquid	120	Whiskey (alcoholic beverage)
88	Triple Antibiotic Ointment	193	White Glossy paper (magazine)
71	Tums	7	White Lithium grease
132	Turmeric	246	White Play Sand
195	US paper money (green ink - back)	213	White nail color (with iron)
194	US paper money (uninked paper)	277	White pine
183	Unbleached Coffee Filter	191	Whole human blood
57	Urethane Sealant	137	Wintergreen Altoid
266	Valerian Root	159	Wisk Laundry Detergent
177	Vaseline	161	Woolite
98	Vinegar	113	Yellow Corn Meal
171	Vinyl Gloves	116	Yellow Mustard
76	Vioxx 25 mg	278	Yew
198	Visa card (blue plastic)	108	Yunnan Tea