



Commercial Materials

Library Listing – 212 spectra

This is a four library set with material-specific collections of commercial interest. It includes spectra of minerals, polypropylene additives, explosives and epoxies.

The Commercial Materials Library contains 212 spectra divided into four material specific segments. The four libraries are:

- •Epoxy Resins
 - ✓ 48 spectra identified by trade name
- •Explosives
 - ✓ 18 spectra (14 explosives, 4 non-explosives) collected by the Georgia State Crime Lab
- •Minerals
 - ✓ 56 spectra collected by Professor Paul Painter of Pennsylvania State University
- •Polypropylene Additives
 - ✓ 90 spectra of polypropylene additives, solvents and other materials identified by trade name

Commercial Materials Epoxy Compounds

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
45	"Nadic" methyl anhydride (tech.)	1	DER 331
43	Apco 2430 brominated resin	37	DER 332
38	Apco 2434	23	DER 736
28	Armstrong activator D 001-20140	6	DGEBA monomer (thin film)
20	Butyl glycidyl ether	44	Dicyandiamide (KBr pellet)
27	Cardolite 513, 3M Co., epoxy resin	48	EMI-24 accelerator
	flexableizer	19	Epon 815
40	Cardolite NC-540 phenolkamine curing agent	13	Epon 820
31	Ciba-Geigy 6004	11	Epon 826
41	Ciba-Geigy ???	46	Epon 828
32	Ciba-Geigy ???	10	Epon 828
15	Ciba-Geigy CY 179	29	Epon 828
18	Ciba-Geigy ECN 1235, batch # M-1829	47	N,N-Dimethylbenzylamine (pract.)
9	Ciba-Geigy ECN 1273, batch P444	16	Reichhold 37-139 Epo-Tuf resin
14	Ciba-Geigy ECN 1280, batch # R-2260	30	T403 AMMRC
33	Ciba-Geigy ECN 1299	2	Tonox 60/40; 60% Methylene dianiline + 40% metap?
3	Ciba-Geigy ECN 1299 cresol novalac resin	34	Triethylamine
35	Ciba-Geigy ERE 1359, batch # P6002	21	Union Carbide Z6040 silane
4	Ciba-Geigy MY 720	8	V-40 Epon curing agent
42	Ciba-Geigy XB 2826	24	Vinylcyclohexenedioxide, diluent in Apco 2430 resin
5	Ciba-Geigy XB-218 M-90312	36	Z AMMRC
39	Ciba-Geigy XB-2793, batch # M-90325	22	ZZ AMMRC (KBr plate)
12	DDS curing agent (KBr pellet)	25	diluent in Apco 2430 resin
17	DEN 438	26	p-t-Butylphenyl 2,3-epoxypropyl ether
7	DER 330		