

Commercial Materials FT-IR Spectral Library

Index of Compounds

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
Polypropylene Additives			
89	377-55-1 Betz 1130 flocculant	74	Goodrite 3125 (film KBr plates)
88	3777-35-1 Hercofloc 848	35	Goodrite 3125 34137-09-2 1,3,5-tris(2-(3,5-di-tert-butyl-4- hydroxyhydrocinnamoyloxy)ethyl) isocyanurate
90	3777-35-2 A.M. Dobry	22	Ionox 220
87	3777-35-3 A.M. Dobry	68	Ionox 220
85	3777-35-4 A.M. Dobry	72	Irgafos 168
86	3777-35-5 A.M. Dobry	26	Irgafos 168 31570-04-4 tris(di-tert-butylphenyl) phosphite
25	A-80	43	Irganox 1010 6683-19-8 M pentaerythrityl tetrakis(3,5-di-tert-butyl-4- hydroxyhydrocinnamate
70	A-80	44	Irganox 1076 2082-79-3 octadecyl brta-(3',5'-di-tert-butyl-4-hydroxyphenyl)propionate
2	Adogen 58 polyamide resin	37	Irganox 1093
71	AM-101	75	Irganox 1093 (CHCl ₃ cast KBr plates)
23	AN-702	27	Irganox 1425
69	AN-702	9	Irgastab 2002
32	AO330	53	Irgastab 2002
80	ARC 1001 (cast)	41	Lupersol 101 78-63-7 1,4-di(tert-butylperoxy)-1,1,4,4-tetramethylbutane
82	ARC 1002 Goodrite 3114	56	Mark 2112
84	ARC 1004 I-1076	10	Mark Q-328
78	ARC 1005 A/O 330	55	Mark Q-328
79	ARC 1007 W-618	29	MK2112
83	ARC 1008 DSTDP	1	Nast
81	ARC I-1010	11	NBC
73	Arkon P	57	NBC
28	Arkon P petroleum resin, hydrogenated arom.	34	Polygard 58968-53-9 alkylated aryl phosphite
4	Armo Slip	45	Silica gel
49	Armo Slip	12	Slipeze
33	ATML-80	58	Slipeze
5	Atmos 150	6	Sodium benzoate
50	Atmos 150	59	Tin-P
51	BHT	13	Tin-P 2440-22-4 2-(2-hydroxy-5-methylphenyl)benzotriazole
31	BHT 128-37-0 2,6-di-tert-butyl-p-cresol	60	Tinuvin 328
52	Chimasorb	14	Tinuvin 328 25973-55-1 2-(2-hydroxy-4,6-bis-(1,1-dimethylpropyl)-2H-benzotriazole
7	Chimasorb 141	61	Tinuvin 770
21	Cyanox 1790	15	Tinuvin 770 52829-07-9 bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate
67	Cyanox 1790	62	Top-Ca
38	Cyasorb UV-5411 3147-75-9 2-(2-hydroxy-5-tert-octylphenyl)benzotriazole	16	Topanol CA 1843-03-4 M 1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl)butane
77	Cyasorb UV5411 (CHCl ₃ cast KBr plates)	18	UV-1084
20	DLTDP	64	Uv-1084
66	DLTDP	17	UV-531
39	Drapex 6.8	63	UV-531
30	DSTDP 693-36-7 distearyl 3,3'-dithiopropionate	42	WES618
46	Elvax 1123	76	Weston 619 (CHCl ₃ cast KBr plates)
19	Emcol D70-31	36	Weston 619 3806-34-6 distearyl pentaerythritol diphosphite
65	Emcol D70-31		
54	Epon 1002		
8	Epon 1002 25068-38-6 bisphenol A-epichlorohydrin epoxy copolymer		
24	Ferro AM-101		
3	Ferro AM-340		
48	Ferro AM-340		
40	Goodrite 3114 27676-62-6 tris(3,5-di-tert-butyl-4-hydroxybenzyl) isocyanurate		

<u>No.</u>	<u>Compound Description</u>
Epoxy Resins	
27	3M Co. Cardolite 513 flexibilizer
43	Apco 2430 brominated resin
38	Apco 2434
28	Armstrong activator D 001-20140
20	Butyl glycidyl ether
40	Cardolite NC-540
31	Ciba-Geigy 6004
32	Ciba-Geigy ?
41	Ciba-Geigy ??
15	Ciba-Geigy CY 179 25085-98-7 3,4-epoxycyclohexylmethyl 3,4- epoxycyclohexanecarboxylate homopolymer
18	Ciba-Geigy ECN 1235 58252-54-3-K epoxy resin
9	Ciba-Geigy ECN 1273 29690-82-2 o-cresol-epichlorohydrin-formaldehyde novolak epoxy resin
14	Ciba-Geigy ECN 1280 63992-68-7 cresol novolak epoxy resin
3	Ciba-Geigy ECN 1299 37348-54-2 cresol-formaldehyde novolak epoxy resin
33	Ciba-Geigy ECN 1299 37348-54-2 cresol-formaldehyde novolak epoxy resin
35	Ciba-Geigy ERE 1359 25120-31-4 epichlorohydrin-resorcinol polymer
4	Ciba-Geigy MY-720 31305-94-9 tetraglycidyl-diaminodiphenylmethane homopolymer
5	Ciba-Geigy XB-218 M-90312
39	Ciba-Geigy XB-2793
42	Ciba-Geigy XB-2826
12	DDS curing agent
17	DEN 438 63957-64-2 phenol-formaldehyde novolak glycidyl ether-type epoxy resin
7	DER 330 25068-38-6 bisphenol A-epichlorohydrin adduct, glycidyl ether terminated
1	DER 331 25068-38-6 X bisphenol A epichlorohydrin copolymer
37	DER 332 25085-99-8 bisphenol A diglycidyl ether epoxy resin
23	DER 736 9072-62-2 polypropylene glycol-epichlorohydrin copolymer epoxy resin
6	DGEBA monomer 25085-99-8 X bisphenol A diglycidyl ether resin
44	Dicyandiamide
25	Diluent in Apco 2430 resin
48	EMI accelerator
19	Epon 815 bisphenol A-epichlorohydrin copolymer
13	Epon 820 25068-38-6 X bisphenol A-epichlorohydrin epoxy resin
11	Epon 826 25068-38-6 X bisphenol A-epichlorohydrin epoxy resin
10	Epon 828 25068-38-6 bisphenol A-epichlorohydrin copolymer
29	Epon 828 25068-38-6 bisphenol A-epichlorohydrin copolymer
46	Epon 828 25068-38-6 bisphenol A-epichlorohydrin copolymer
8	Epon V-40 epoxy resin curing agent
47	N,N-Dimethylbenzylamine
45	"Nadic" methyl anhydride
26	p-t-Butylphenyl 2,3-epoxypropyl ether

<u>No.</u>	<u>Compound Description</u>
16	Reichhold Epo-Tuf resin 37-139 25068-38-6 X bisphenol A-epichlorohydrin epoxy resin
30	T403 AMMRC
2	Tonox 60/40 60% methylene dianiline, 40% metap
34	Triethylamine
21	Union Carbide Z6040 silane 2530-83-8 gamma-glycidylxypropyltrimethoxysilane
24	Vinylcyclohexenedioxide diluent in Apco 2430 resin
36	Z AMMRC
22	ZZ AMMRC

Painter Minerals

53	Analcime #1
3	Ankerite #1
7	Ankerite #2
10	Aragonite #1
20	Attapulgite #1
43	Attapulgite #46
13	Calcite #1
36	Chlorite #1
47	Dickite #16
6	Dolomite #1
12	Dolomite #2
29	Dolomite #3
22	Dolomite #6
30	Dolomite #7
49	Dolomite (Freemont, CO)
45	Dolomite (Hoxie, Arkansas)
14	Feldspar #1; Albite
54	Gypsum
41	Gypsum #1
19	Halloysite #1
15	Halloysite #2
42	Halloysite #3
9	Illite #1
31	Illite #2
2	Kaolinite #1
4	Kaolinite #2 (disordered)
11	Kaolinite #3
32	Kaolinite #5
23	Kaolinite #6
26	Kaolinite #7
25	Kaolinite #8
37	Kaolite #4
56	Magnesite
16	Magnesite #1
52	MgSO4.7H2O
21	Mica #1; Biotite
48	Microcline KAlSi3O8
27	Mixed layer clay #1
1	Montmorillonite #1
8	Montmorillonite #2
35	Montmorillonite #3 (beset)
44	Montmorillonite #31
39	Montmorillonite #4
38	Montmorillonite #5; Bentonite
33	Montmorillonite #6 (oxidized)
24	Montmorillonite #7

No. Compound Description

5	Quartz #1
51	Quartz #2 (crystal)
17	Rhodochlosite #1
55	Rhodochrosite
34	Siderite #1
40	Sodium carbonate #1
28	Sodium montmorillonite #1
46	Sodium nitrate #1
18	Strontianite #1
50	Travertine #1

GSCL Explosive Materials

14	2-Chloroacetophenone; CN
16	2-Chlorobenzalmalononitrile; CS
10	Ammonium nitrate (KBr)

No. Compound Description

18	Cyclotrimethylenetrinitramine; RDX (KBr)
11	Epoxy adhesive (KBr plates)
15	Isosorbide dinitrate (KBr)
5	Monomethylamine nitrate; MMAN (evapd. from MeOH, KBr pellet)
9	Nitroglycerin (evapd. from CHCl ₃ , KBr pellet)
17	Nitroglycerin (KBr)
12	Nujol (salt plates)
13	Pentaerythritol tetranitrate (KBr)
7	Picric acid (KBr)
3	Potassium chlorate (KBr)
8	Potassium nitrate (KBr plates)
4	Potassium perchlorate (KBr)
1	Sodium bicarbonate (KBr)
2	Sodium carbonate (KBr)
6	Trinitrotoluene; TNT (KBr)