



## 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 Georgia State Explosives

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
14	2-Chloroacetophenone; CN	9	Nitroglycerin (evapd. from CHCl <sub>3</sub> , KBr pellet)
16	2-Chlorobenzalmalononitrite; CS	12	Nujol (salt plates)
10	Ammonium nitrate (KBr)	13	Pentaerythritol tetranitrate (KBr)
18	Cyclotrimethylenetrinitramine; RDX (KBr)	7	Picric acid (KBr)
11	Epoxy adhesive (KBr plates)	3	Potassium chlorate (KBr)
15	Isosorbide dinitrate (KBr)	8	Potassium nitrate (KBr plates)
5	Monomethylamine nitrate; MMAN (evapd. from MeOH, KBr pellet)	4	Potassium perchlorate (KBr)
17	Nitroglycerin (KBr)	1	Sodium bicarbonate (KBr)
		2	Sodium carbonate (KBr)
		6	Trinitrotoluene; TNT (KBr)