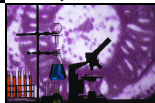


Adhesives & Sealants (Subset A)



4230 Adhesives & Sealants (Subset A) - 520 Spectra

The Adhesives and Sealants database is a collection of infrared spectra of adhesives and sealants including basic synthetic resins, elastomers, uncured materials and cured commercial end products. The database facilitates structural determination and identification of such substances and provides a convenient and practical reference source of information in a single database.

The database contains 520 adhesives and sealants in eleven classifications which have been generally established by the adhesives industry. It includes the infrared absorption spectra, physical and chemical data and other supporting information for the adhesives and sealants grouped by adhesive classification and arranged within each group by chemical class. Each compound is listed by its commercial or trade name as given by the manufacturer. Other information accompanying each spectrum includes the classification, manufacturer, properties, function or use and the experimental technique used. A chemical description or composition, usually the chemical base, is also included whenever available. It should also be noted that mixing ratio values are given by weight unless otherwise specified.

The following is a classification of compounds included in this database.

Classifications

Contact	20	One Part (Emulsion)	28	Two Part (Elevated Temperature Cure)	83
Cyanoacrylate	18	One Part (Solvent)	39	Two Part (Room Temperature Cure)	142
Hot Melt	41	One Part (Water Required)	11	Sealant	76
One Part (Curing)	35	Pressure Sensitive	27		



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