

IR - Sadtler Adhesives & Sealants (Subset) - Wiley

Spectra - 520

Description

This database includes 520 infrared spectra of adhesives and sealants including basic synthetic resins, elastomers, uncured materials, and cured commercial end products, covering eleven classes of compounds, 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.

This database can be used by researchers to facilitate structural determination and identification of these substances.

Additional Information

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 supplied when available. It should also be noted that mixing ratio values are given by weight unless otherwise specified.

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	

This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.