

IR - Adhesives & Sealants - Bio-Rad Sadtler

Product Code - 433000

Spectra - 2,075

Description

This collection contains 2,075 infrared reference spectra of a wide range of basic synthetic resins and elastomers, plus cured and uncured commercial end products. Typical products are composed of butyl rubber, epoxy, silicone rubber, acrylic, neoprene, urea-formaldehyde, polysulfide, polyurethane, or other resins.

This database can be used by researchers to facilitate structural determination and identification of these substances. It contains the infrared absorption spectra, physical and chemical data, and other supporting information for the compounds. Datasheets and product bulletins from the manufacturers have been used to determine classifications and serve as the source for the composition, properties, and use of each adhesive and sealant.

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 technique used in sample preparation. A chemical description or composition, usually the chemical base, is included with each record when available.

Classifications

Contact - 52	One Part (Solvent) - 78	Cement - 66
Cyanoacrylate - 55	One Part (Water Required) - 43	Urethane Adhesive - 27
Methacrylate - 17	Pressure Sensitive - 69	Resin Adhesive - 164
Acrylic - 10	Two Part (Elevated Temperature Cure) - 188	Silicone Adhesive - 44
Hot Melt - 78	Two Part (Room Temperature Cure) - 482	Rubber Adhesive - 38
One Part (Curing) - 62	Sealant - 179	Adhesive - 359
One Part (Emulsion) - 46		

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.