

IR - Coating Chemicals (Revised) - Bio-Rad Sadtler

Product Code - 421300

Spectra - 720

Description

This database offers 720 spectra of coating chemicals for chemists and technologists in the coatings industry.

It is divided into two sections: Part I - Resins and Part II - Monomers, Precursors and Additives. The compounds are then grouped by coatings classification and arranged within each group by chemical class. Datasheets and product bulletins from the manufacturers have been used in the determination of these classifications and also serve as the source for the composition and properties of each coating chemical.

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, and the technique used in sample preparation. A chemical description or composition is also included when available.

Classifications

Part I Resins - 520

Hydrocarbons & Terpenes - 47
Fluorocarbons - 18
Chlorinated Hydrocarbons - 32
Silicone Resins - 37
Polyurethanes & Prepolymers - 45
Epoxy Resins & Polyethers - 90
Vinyl Resins - 60
Cellulosics - 21
Acrylic Resins - 40
Alkyd & Polyester Resins - 66
Amino Resins - 35
Phenolic Resins - 29

Part II Monomers, Precursors and Additives - 205

Alcohols, Phenols, Ethers, & Oxides - 32
Ketones & Quinones - 9
Carboxylic Acids & Anhydrides - 27
Acrylates & Methacrylates - 15
Other Carboxylic Acid Esters - 25
Compounds Containing Nitrogen - 28
Compounds Containing Halogen - 13
Compounds Containing Phosphorus - 13
Compounds Containing Silicon - 11
Compounds Containing Sulfur - 9
Organometallics - 15
Hydrocarbons - 8

Technique

All samples were run at Bio-Rad Laboratories exactly as they were received from the manufacturer, and irregularities or anomalies in the spectra are considered to be inherent to the commercial product itself.

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.