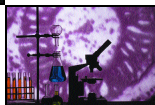


Coating Chemicals



4213 Coating Chemicals - 720 Spectra

The database contains coating chemicals and is divided into two sections: Part I - Resins and Part II - Monomers, Precursors, and Additives. The database provides a convenient and practical reference source of information for chemists and technologists in the coatings industry. It contains infrared absorption spectra, physical and chemical data, and other supporting information for the coating chemicals. The chemicals are grouped by coatings classification and arranged within each group by chemical class. Data sheets 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. Each compound is identified by its commercial or trade name.

The following additional information will also be supplied when available: chemical composition, chemical and physical properties, source of sample and technique.

The COATING CHEMICALS IR DATABASE contains 720 coating chemicals divided into two sections: Part I - Resins and Part II - Monomers, Precursors and Additives. The purpose of this database is to provide a convenient and practical reference source of information for chemists and technologists in the coatings industry. It contains the infrared absorption spectra, physical and chemical data and other supporting information for the coating chemicals grouped by coatings classification and arranged within each group by chemical class. Data sheets 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. 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 whenever available.

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. The spectra are arranged in the following 24 classifications which have been generally established by the surface coatings industry.

Classifications

Part I Resins	520	Acrylic Resins	40	Carboxylic Acids and Anhydrides	27
Hydrocarbons and Terpenes	47	Alkyd and Polyester Resins	66	Acrylates and Methacrylates	15
Fluorocarbons	18	Amino Resins	35	Other Carboxylic Acid Esters	25
Chlorinated Hydrocarbons	32	Phenolic Resins	29	Compounds Containing Nitrogen	28
Silicone Resins	37	Part II Monomers, Precursors and Additives	205	Compounds Containing Halogen	13
Polyurethanes and Prepolymers	45			Compounds Containing Phosphorus	13
Epoxy Resins and Polyethers	90			Compounds Containing Silicon	11
Vinyl Resins	60	Alcohols, Phenols, Ethers and Oxides	32	Compounds Containing Sulfur	9
Cellulosics	21	Ketones and Quinones	9	Organometallics	15
				Hydrocarbons	8



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