Ref. 668 CHA 2nd ed. V.2

Contents

Preface to the first edition vii

Preface to the second edition viii

Acknowledgements ix

1 Polishes 1

The mechanism of gloss—Vegetable waxes—Animal waxes—Mineral waxes—Synthetic resins and waxes—Wax–solvent paste polishes—Emulsified aqueous wax polishes—Aqueous solvent–wax stable emulsions and creams—Wax–aqueous solvent quick-breaking emulsions—Water-in-oil emulsions—Aqueous polymer–resin emulsions—Cleaner-polishes for hard synthetic surfaces—Furniture oils—Solvent retention of waxes in paste polishes

2 Adhesives 73

Classification of adhesives—Design of an adhesive system—Starches—Soya bean glues—Animal glues—Silicate adhesives—Rubber-based adhesives—Pressure-sensitive adhesives—Synthetic rubber adhesives—Cellulose adhesives and gums—Epoxy resin adhesives—Phenol–formaldehyde resin adhesives—Resorcinol–formaldehyde resin adhesives—Amino resin adhesives—Polyvinyl acetate adhesives—Polyvinyl alcohol adhesives—Polyvinyl acetal adhesives—Isocyanate adhesives

3 Disinfectants and Antiseptics 121

Constitution and properties—Phenol—Substituted phenols—Bisphenols and some derivatives—Surfactants in germicide formulation—Hydroxy carboxylic phenols—Pine oil disinfectants—Chlorine and chlorine compounds—Dyes with anti-bacterial properties—The quaternaries—Oxidizing agents—Reducing agents—The heavy metals—Alcohols—Phenoxyethanol

4 Paints and Allied Products 188

Pigments—Film-forming media—Solvents—Other constituents—Manufacture—Testing—Colour control—Mechanical properties of the paint film—Application methods—Solvent-based paints—Water-based paints—Latex paints—Suppliers of proprietary products

5 Abrasives, Polishes and Cleaners 210

Tripoli—Diatomaceous silica—Sand, sandstone and quartz—Abrasive paste cleaners—Vienna lime—Iron oxides—Crocus—Garnet—Pumice—Emery—Flint—Other polishes containing natural abrasives—Grinding wheels—Flexible or coated abrasives

6 Household Toiletries 235

Dental cream—Other forms of dentifrice—Denture cleansers—Mouth-washes and oral hygiene—Shampoos—Shaving preparations—Facial cleansers—Products for the hands—Bath preparations—Baby toiletries

7 Aerosols 302

Propellants—Types of spray—Filling methods—Air fresheners—Insecticides—Hard-surface cleaners—Oven cleaners—Window cleaners—Polishes—Spot-removers—Starches—Carpet shampoos—Paints—Miscellaneous products—Hair lacquers—Hair colorants—Wig cleaners—Shampoos—Colognes and perfumes—Deodorants and antiperspirants—Shave foams—Automotive products

Index 373