

## CONTENTS

<b>XII. Polyalkylene Sulfides</b>	<b>1</b>
I. Introduction	1
II. Polymerization of Episulfides (Thiiranes)	2
III. Addition of Thiols to Olefins	7
IV. Addition of Thiols to Carbonyl Compounds	20
V. Miscellaneous Methods	25
VI. Polyarylene Sulfides	30
<b>XIII. Polysulfide Polymers: I Chemistry</b>	<b>43</b>
I. Introduction	43
II. Inorganic Polysulfides	47
III. Halide Monomers	51
IV. Preparation of Alkyl Polysulfide Polymers	60
V. Physical Properties	94
<b>XIV. Polysulfide Polymers: II Applications</b>	<b>115</b>
I. Polysulfide Rubbers	115
II. Polysulfide Water Dispersions	153
III. Polysulfide Liquid Polymers	161
IV. Polysulfide Vulcanizing Agents	192
V. Polysulfide Liquid Polymer-Epoxy Resin Reactions	195
<b>XV. Polysulfones</b>	<b>225</b>
I. Polymers from Sulfur Dioxide and Olefins	225
II. Polysulfones Prepared by Other Methods	260
List of Trademarks	271
Author Index	273
Subject Index	291