

CONTENTS

PREFACE	7
ACKNOWLEDGEMENT	8
1 THE CELLULOSE CHRONOLOGY	1
2 THE MANUFACTURE OF CELLULOSE ACETATE	8
3 MISCELLANEOUS ESTERS AND MIXED ESTERS OF CELLULOSE	55
4 THE ETHERIFICATION OF CELLULOSE	66
5 THE COMPOUNDING OF CELLULOSIC PLASTICS	77
6 THE MANIPULATION OF CELLULOSIC PLASTICS	88
7 THE PROPERTIES AND CELLULOSIC PLASTICS	105
8 ANALYTICAL AND TEST METHODS	124
9 THE APPLICATIONS OF CELLULOSIC PLASTICS	137
10 REGENERATED-CELLULOSE FOIL	146
11 CELLULOSIC FIBRES	154
12 SURVEY ON CELLULOID	163
13 COTTON LINTERS	165
14 CELLULOSE NITRATE	170
15 MANUFACTURE OF CELLULOID SHEETS	177
16 CELLULOID RODS, TUBES, AND PROFILE SECTIONS	187
17 MANUFACTURE OF CELLULOID FILM	190
18 STRUCTURE AND PROPERTIES OF CELLULOID	194
19 MANIPULATION AND APPLICATIONS OF CELLULOID	202
INDEX	215