

CONTENTS

CHAPTER I

INTRODUCTION

	PAGE
The Commercial and Technical Policy of Sizing Yarn (§§1-9)	I

CHAPTER II

SIZING INGREDIENTS

Classification of Sizing Ingredients (§§10-13)	5
Essential Constituents, Properties and Specific Purpose of Sizing Ingredients :—	
<i>Group 1</i> : Adhesive Substances (§§14-42)	10
<i>Group 2</i> : Softening Substances (§§43-65)	32
<i>Group 3</i> : Antiseptic Substances (§§66-76)	42
<i>Group 4</i> : Deliquescent or Moistening Substances (§§77-78)	46
<i>Group 5</i> : Weighting Substance (§79)	46
Physical Structure and Microscopical Appearance of Different Varieties of Starch Granules, and Methods of Distinguishing them (§§26-37)	19
Tabulated Descriptions of the General Forms, Physical Characteristics and Dimensions of Starch Granules (§30)	22
MILDEW : Its Cause, Effect and Prevention (§§16-19)	12

CONTENTS

CHAPTER III

SIZE MIXING AND BOILING

	PAGE
Size Mixing (§§80-83)	48
Size-Mixing Plant (§§84-91)	51
Size Boiling and Automatic Feeding Devices (§§92-94)	60

CHAPTER IV

DATA FOR SIZE-MIXING RECIPES. ALSO USEFUL
FORMULÆ AND DATA

Tabulated Data for Size-Mixing Recipes (§95)	64
Useful Formulæ and Data Relating to Sizing Ingredients. Size Mixing, and Size-Mixing Apparatus (§§96-104)	66
INDEX	73