

CONTENTS

Section 1. General Information on Materials	1-02
Materials specifications and Standards	1-02
Statistics in the Application of materials	1-09
Mathematical and Physical Tables	1-24
Section 2. Metals	2-03
Ferrous metals	2-03
Aluminum	2-204
Magnesium	2-273
Copper and Its Alloys	2-293
Zinc	2-353
Nickel and Its alloys	2-367
Other Pure Metals	2-382
Special-Purpose metals and Alloys	2-445
Section 3. Non-metals	3-02
Wood and Wood-Base materials	3-02
Paper	3-56
Fibers	3-97
Plastics and Rubbers	3-185
Organic Finishing Materials	3-252
Fuels	3-286
Carbon Products	3-330
Ceramic Materials	3-346
Industrial Chemicals	3-375
Lubricants	3-481
Section 4. Construction Materials	4-02
Cementing Materials and Concrete	4-02
Roadbed Materials	4-18
Timber	4-66
Rope	4-105
Foundations	4-117
Weather and Moisture Protection	4-129
Glass Products	4-143
Index	