## **CONTENTS**

## Part I: ASBESTOS LAMINATES PREPARED UNDER LOW PRESSURE

1.	Gen	General			
2.	Var	ieties of Asbestos; Comparison with Glass Fibers	8		
3.	Laminated Material from Asbestos-Reinforced Plastics				
	3.1	Material with Base of Asbestos Flat Goods, Produced by Dry Method	11		
		11 Material from Carded Fleeces, Felts, Mats	11		
		12 Material from Products Made by Air-Felting (Vacuum-dry Preforming)	22		
		13 Material from Mats Formed by Parallel Opening of Bundles of Asbestos Fibers	25		
	3.2	Material from Products Prepared by Wet Felting (Vacuum-Special)	28		
		21 Asbestos Special Paper Laminates	28		
	3.3	Comparison of Felts Formed by Two Preceding Methods	33		
		31 Anisotropism and Isotropism of Laminates	33		
		32 Other Properties	37		
	3.4	Processing and Special Uses	38		
		41 Preparation of Material	39		
		42 Applications in Boatbuilding	40		
		43 Applications in Aircraft	41		
		Part II: ASBESTOS MATERIALS			
		PREPARED UNDER HIGH PRESSURE			
4.	Introduction		55		
5.	Asbestos Laminates				
	5.1	General	56		
		11 Asbestos Binder Carriers	56		
		12 Bonding Agents	60		
		13 Influence of Pressure and Other Factors	63		
	5.2	High-Pressure Asbestos Laminates Made with Textile and Non-textile Sheeting	65		
		21 Elastomers as Bonding Agents	67		
		22 Plastics as Binders	71		
		221 Phenolic Resins	71		
		222 Aminoplastic Resins	75		
		223 Silicone Resins and Rubbers	76		
		224 Other Bonding Agents	82		

6.	Mol	ded Asbestos Products from Wet Machine Pads	87		
	6.1	General	87		
	6.2	Special Products from Wet Machine Pads	92		
	6.3	Patents Covering Asbestos Molding Compounds and Materials Manufacture from Them	94		
7.	nmary of Preparation and Use	99			
	7.1	Applications	100		
8.	Asbestos Molding Compounds and Molded Articles		104		
	8.1	General	104		
		11 Effect of Forms and Properties of Asbestos Used to Molded Articles	104		
		12 Effect of Type of Asbestos on Properties of Molded Articles; Standardization	115		
	8.2	Special Asbestos Molded Materials and Patents	121		
Part III: ASBESTOS PRODUCTS					
PREPARED WITHOUT PRESSURE					
9.	Gen	eral	313		
10	10. Acid-Resistant Asbestos Compounds				
11	11. Coatings, Fillers, Floor Tiles				
Pa	Patents Covering No-Pressure Products (Coatings, Tiles, etc.)				
Li	Literature				