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BULLETIN ON ASBESTOS PUBLICATIONS

No. 62

AUGUST
1962

137. British Oxygen Co. Ltd.
Thermal insulation
BRIT. 891,163 (Mar. 14, 1962)
Asbestos-magnesia insulation is strengthened by being made with a polyvinyl acetate emulsion replacing some of the water.
138. Bettoli, P. S. & Eckert, C. R. (to Ruberoid Co.)
Production of water-repellent asbestos-cement products
U.S. 3,027,294 (Mar. 27, 1962)
The formed asbestos cement products are coated with thermoplastic acrylic copolymers after partial drying. Further drying and autoclaving cure the plastic coating and the asbestos cement.
139. Barnett, Irvin (to Johns-Manville Corp.)
Fiber opening and cleaning
U.S. 3,042,976 (July 10, 1962)
Apparatus for opening fibrous masses and removing dust consisting of a horizontal tube with a vaned center shaft. *air filter*
140. Carroll-Porczynski, C. Z.
Advanced materials; refractory fibres, fibrous metals, composites. Guildford (Surrey), Astex Publishing Co. Ltd., 1962. 286p. \$8.50.
Chapters 7 and 8 entitled "Asbestos in high temperature resisting 'composite' materials" and "Asbestos in aircraft and missiles" furnish information on the use of asbestos with ceramics, metals, and plastics and have extensive bibliographies. *← being pub in GAK in German*
*pt. 1 -
pt. 2 - Jan 63
pt. 3 - Mar 63*

141. ✓ Great Britain Overseas Geological Surveys. Mineral Resources Division
✓ Statistical summary of the mineral industry; world production, exports and imports, 1955-1960. London, HMSO, 1962. 399p.

Pages 31-39 give statistics for asbestos.
142. ✓ Gartshore, J. L.
✓ Quebec asbestos industry: mining and milling
Can. Mining Met. Bull. 55, #602, 400-401 (June 1962)
General article by the mill superintendent of Canadian Johns-Manville Co. Ltd.
143. ✓ Wiser, J. P.
✓ Quebec asbestos industry: testing and quality control
Can. Mining Met. Bull. 55, #602, 403-405 (June 1962)
General article by a milling consultant for Lake Asbestos of Quebec, Ltd.
144. Chem. Abst. 56, 15188c (June 25, 1962)
✓ Harrington, J. S.
Occurrence of oils containing 3,4-benzopyrene and related substances
in asbestos
Nature 193, 43-45 (1962)
145. Gummi Asbest Kunststoffe 15, #6, 543-544, 546, 553 (June 1962)
✓ Davydov, A. B. & Ivanova, S. G.
Use of asbestos as a reinforcing filler in silicone resin adhesives
Khim. Prom. (Chem. Ind.) 1961, #5, 44-48
A German translation of the Russian article, with an introduction by Hans Berger.
146. Gummi Asbest Kunststoffe 15, #6, 577 (June 1962)
✓ "Yugoslavia. Asbestos mine of Raska to be improved. With an expenditure of 3 million dinars the asbestos mine of Raska, south of Kraljevo (Serbia), is to be modernized, so that the mining of asbestos can be increased eightfold. Planned for the future is a plant for the production of asbestos cement."
(This item is translated here in its entirety.)

147. Gummi Asbest Kunststoffe 15, #6, 580 (June 1962)
Jegorov, A.
Change in the properties of "Faolit"
in aggressive media
Plast. massy (Plastics) 1962, #1, 71-72
148. Gummi Asbest Kunststoffe 15, #6, 580 (June 1962)
Jegorov, A.
Change in the properties of uncured
"Faolit" during lengthy storage
Plast. massy (Plastics) 1962, #2, 71-73
149. Gummi Asbest Kunststoffe 15, #6, 580 (June 1962)
anon
"Oleform," asbestos reinforced poly-
propylene (Avisun Corp.)
Rubber & Plastics Weekly 142, #2, 45
(Jan. 1962)
150. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Grushman, R. P. & Iashina, A. G.
Asbestos-paper cord; practice in the
manufacture and use of the new heat-
insulating material. Leningrad, 1962.
8p. (Leningradskii Dom nauchno-tekhn-
nicheskom propagandy. Obmen peredovym
opytom. Seriya: Stroitel 'naia promy-
shlennost', no. 1)
151. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Poiarkov, A. S.
General technology of asbestos fiber
spinning. Moskva, Izd-vo nauchno-
tekhn. lit-ry RSFSR, 1961. 256p.
152. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Gromov, L. K.
Prospects of the use of asbestos ballast
Put' i put. khoz. (Railroad Tracks & Roadway
Maintenance) 6, #3, 3-5 (Mar. 1962)
153. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Belov, M. A. & Ognev, A. S.
Convenient capacity of warehouses holding
ore for asbestos-enriching plants
Stroi. mat. 8, #2, 17-18, (Feb. 1962)

154. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Dvizhkov, P. P.
Asbestosis (with summary in English)
Ark. pat. (Arch. Pathol.) 1962, #3, 3-13
155. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Satarin, V. I. & Akopian, V. A.
Asbestos-cement industry; its present
state and the prospects for its de-
velopment. Moskva, Gos. izd-vo lit-ry
po stroit., arkh. i stroit. materialam,
1961. 205p.
156. Monthly Index of Russian Accessions 15, #3, 691
(June 1962)
Shapiro, M. S. & Smirnov, M. P.
Equipment for asbestos-cement produc-
tion. Moskva, Gos. nauchno-tekhn. izd-
vo mashinostroit. lit-ry, 1961. 155p.
157. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
Charnotskii, L. V.
Asbestos-cement pipes should be of
better quality
Stroi. truboprov. (Pipeline Construct.) 7,
#2, 11 (Feb. 1962)
158. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
Kershenbaum, I. M. & Trushchelev, A. I.
Over-all mechanization of the casting
of asbestos-cement pipes on the ATM-3
machine
Stroi. mat. (Bldg. Materials) 8, #2, 27-28
(Feb. 1962)
159. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
Borodin, I. V.
Possibilities of installing asbestos-
cement gas pipes having a pressure of
6-12 kg/cm²
Stroi. truboprov. (Pipeline Construct.) 7,
#2, 3-6 (Feb. 1962)

160. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
U.S.S.R. Gosudarstvennyi komitet po delam
stroitel'stva
Temporary instructions for designing
underground gas lines of asbestos-cement
pipes laid outside of inhabited places
and industrial areas. Moskva, Gos.
izd-vo lit-ry po stroit., arkhitekt. i
stroit. materialam, 1961. 14p.
161. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
U.S.S.R. Gosudarstvennyi komitet po delam
stroitel'stva
Temporary technical instructions for
installing gas mains of asbestos-
cement pipes with a pressure up to
5 kg/cm² outside of cities, inhabited
places, and industrial enterprises.
Moskva, Gos. izd-vo lit-ry po stroit.,
arkhitekt. i stroit. materialam, 1961.
22p.
162. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
Loginov, V. S., Kashkovskaya, E. A. &
Tarkhanov, V. V.
Sealing the walls of asbestos-cement
pipes with high-polymer compounds
Stroi. truboprov. (Pipeline Construct.) 7,
#2, 9-10 (Feb. 1962)
163. Monthly Index of Russian Accessions 15, #3, 840
(June 1962)
Danilevich, I. I.
Study of asbestos-cement pipes for the
construction of gas lines
Stroi. truboprov. (Pipeline Construct.) 7,
#2, 6-8 (Feb. 1962)
164. Monthly Index of Russian Accessions 15, #3, 849
(June 1962)
anon
Use asbestos-cement pipes for gas lines
in construction
Stroi. truboprov. (Pipeline Construct.) 7,
#2, 1-2 (Feb. 1962)

see p. 1418
(Aug. 62) for
inspection
standards

165. Monthly Index of Russian Accessions 15, #3, 870
(June 1962)
Akademiia stroitel'stva i arkhitektury
SSSR. Institut organizatsii, mekhanizatsii
i tekhnicheskoi pomoshchi stroitel'stvu
Laying asbestos cement and tile
roofing. Moskva, Gos. izd-vo lit-ry
po stroit., arkhit. i stroit. materialam,
1961. 186p.
166. Monthly Index of Russian Accessions 15, #3, 870
(June 1962)
Bernei, I. I.
Strength and frost-resistance of
asbestos-cement in relation to weight
by volume
Stroi. mat. (Bldg. Materials) 8, #2,
6-9 (Feb. 1962)
167. Chem. Week 91, #3, 94 (July 21, 1962) ✓
"A unit for making 100% inorganic asbestos
paper has been started up by Raybestos-
Manhattan at Bridgeport, Conn. The product,
R-M says, is the first of its kind developed
for high-temperature laminates and insulating
jobs. The material is a pyrolyzed version
of the firm's Novabestos papers. Pyrolysis
drives off organic binders or saturants that
accumulate after manufacture, thereby pre-
vents gas pockets from forming when the paper
is in service.
"The papers are available in composition rang-
ing from pure asbestos to 20:80 asbestos:
glass. They may be used straight, or, when
combined with high-temperature binders,
they are said to make good ablation materials."
(This item is copied here in its entirety.)
168. anon
One-ply film puts plastic on roofs
Chem. Week 91, #4, 38 (July 28, 1962)
News note about T/NA 200, produced by
Ruberoid Co., which consists of a pig-
mented polyvinyl fluoride film laminated
to asbestos felt and is applied with con-
ventional roofing cements.
- du Pat
"TEDLAR"
T-2

169. Mineral Trade Notes 55, #1, 6 (July 1962)
"Brazil. According to the local press, a pilot plant was constructed in early 1962 to process asbestos from deposits discovered in Batalha, State of Alagoas. (Source: Foreign Service Despatch 679, Feb. 26, 1962-Rio de Janeiro.)"
(This item is copied here in its entirety.)
170. Product Engineering 33, #15, 46 (July 23, 1962)
"For structural applications where high heat resistance and low thermal conductivity are required, Albright & Wilson (Mfg.) Ltd. has a new group of inorganic, phosphorus-bearing resins. They look promising, too, for brake linings, electrical insulating materials, surface coatings, and adhesives.
"Asbestos felt laminates made with the new resins, A & W says, show flexural strengths in the 20,000 to 25,000-psi range and will retain over 50% of their strength after 50 hr at 930 F or 100 hr at 570 F. The resins can be reinforced with mica, alumina, and flue-gas dust to produce molding compositions. The materials are still in the pilot stage and still relatively expensive, \$3.30 to \$4.00 per lb. But prices are expected to come down as production increases, and inexpensive fillers can be used."
(This item is copied here in its entirety.)
171. Sinclair, W. E.
Some asbestos misconceptions
Asbestos 44, #1,2,4,6,8,10 (July 1962)
172. (Finska Mineral Ab, Helsingfors)
Classification, quality control and sampling of Finnish anthophyllite asbestos
Asbestos 44, #1, 14, 16, 18 (July 1962)
The Quebec Standard and Rotap machines are used.
173. Denovan, R. A.
The Denovan concentrator
Asbestos 44, #1, 20, 22 (July 1962)

174. Chem. Abst. 57, 374d (July 9, 1962)
Addison, C. C., Addison, W. E., Neal,
G. H. and Sharp, J. H.
Amphiboles. I. Oxidation of cro-
cidolite. II. Kinetics of oxidation
of crocidolite
→ J. Chem. Soc. 1962, 1468-1475
175. Chem. Abst. 57, 4191 (July 9, 1962)
Lorenz, Ingward
Suitability of asbestos cement pipes
for gas mains
Gas- Wasserfach 103, 257-264 (1962)
176. Chem. Abst. 57, 428e (July 9, 1962)
Heschl, Karl
Impregnated asbestos fibers as filler
and insulating agent for cement mix-
tures
GER. 1,049,764 (Jan. 29, 1959)
177. Chem. Abst. 57, 1063b (July 9, 1962)
Mader, Richard
Faolit. Prague, Statni nakl. tech.
lit., 1961. 136p.
178. anon
Asbestos cement pipe
Chem. Eng. 69, #15, 88 (July 23, 1962)
News note about epoxy resin line a-c
pipe for corrosive liquids, available
from Johns-Manville Co.
179. Meinhold, T. F. & Baird, D. W.
How to evaluate plastic pipe sensibly
Chem. Processing 25, #10, 25-28 (July 2, 1962)
The article is accompanied by a table
giving chemical resistance, physical
properties, and price of various plastic
materials used in pipe, some of them
with asbestos reinforcement.

180. Bette, A. J.
How to get the most from friction materials
Prod. Eng. 33, #15, 62-65 (July 23, 1962)
Tables and charts show properties of the
materials. The text describes how to
apply them to industrial clutches and
brakes.

H. McBride

8/1/62
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