

ASARCO**BULLETIN ON ASBESTOS PUBLICATIONS**

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July 1964

163. Blair, Laurence R. & Jaunaraifs, Karlis L. (to
Johns-Manville Corp.)
Hydrated borate products
U.S. 3,126,351-2 (Mar. 24, 1964)
Asbestos fibers are made into blocks using a
gelatinous heavy metal borate as a binder.
The blocks are self-supporting and can be
used to construct radiation shielding.
164. Monthly Index of Russian Accessions 17, #1, 152
(Apr. 1964)
Paturcev, V. V.
Strengthening asbestos cement and other
materials with polyester foam plastics
Trudy TSNIISK (Trans. Acad. Construct. &
Arch. Inst. Construct. Design) #24, 323-349
(1963)
165. Monthly Index of Russian Accessions 17, #1, 152
(Apr. 1964)
anon
Asbestos cement ties
Biul. tekhn.-ekon. inform. Nauch.-tekhn. sov.
Min. putei soob. (Bull. Tech. Econ. Inform.
Ministry Railroad Transportation Sci. Tech.
Council) #1, 59-63 (1963)

166. Monthly Index of Russian Accessions 17, #1, 152
(Apr. 1964)
Parizh, B. M. & Karakuiumchian, M. K.
Study of the virus adsorbing properties
of asbestos and cellulose
Trudy Mosk. Nauch.-issl. inst. virus. prep.
(Trans. Sci. Research Inst. Virus Prep.) 2,
361-363 (1961)
167. Chem. Abst. 60, 13035a (May 25, 1964)
Novovic, Tiosav & Todorovic, Zivko
Chrysotile deposits from the villages
Domisevina, Borance, and Vitos, near
Kopaonik, Serbia
Glasnik Prirod. Muzeja Beogradu Ser. A 14-15,
241-249 (1961)
168. Chem. Abst. 60, 13416b (May 25, 1964)
Turner Brothers Asbestos Co. Ltd.
Sheets of reinforced plastic
BELG. 624,751 (May 13, 1963)
169. Chem. Abst. 60, 13416d (May 25, 1964)
Johns-Manville Corp. (by Robert G. Quinn &
Walter E. Buch)
Asbestos-filled polyisobutylene roofing
materials
BELG. 630,524 (Oct. 21, 1963)
170. Chem. Abst. 60, 13774e (May 25, 1964)
Davis, J. M. G.
Ultrastructural changes that occur during
the transformation of lung macrophages
to giant cells and fibroblasts in exper-
imental asbestosis
Brit. J. Exptl. Pathol. 44, 568-575 (1963)
171. Chem. Abst. 60, 13780a (May 25, 1964)
Enticknap, J. B. & Smither, V. J.
Peritoneal tumors in asbestosis
Brit. J. Ind. Med. 21, #1, 20-31 (1964)

172. anon
Frenzelit starts production on a new asbestos board machine
Gummi Asbest Kunststoffe 17, #5, 556 (May 1964)
A picture and description of a machine with a recirculating water system which produces 18-20 tpd. It was installed by Fa. Frenzelit Asbestwerke GmbH & Co. KG. in Frankhammer.
173. Ind. Hyg. Dig. 28, #5, 23 (May 1964)
Selikoff, I. J., Churg, J. & Hammond, E. C.
Asbestos exposure and neoplasia
J. Am. Med. Assoc. 188, 22-26 (Apr. 6, 1964)
174. Monthly Index of Russian Accessions 17, #2, 559
(May 1964)
Plaksin, I. N. and others
Triboelectric separation of asbestos materials
Nauch. soob. IGD (Sci. Repts. A. A. Skochinskii Inst. Mining) 19, 3-12 (1963) PA 5 67632
175. Monthly Index of Russian Accessions 17, #2, 726
(May 1964)
Galiullin, Z. T. & Chernikin, V. I.
Hydraulic calculation for asbestos-cement gas pipelines
Izvest. vys. ucheb. zav., neft i gaz (Bull. Inst. Higher Learning, Petroleum & Gas) 4, #11, 65-70 (1961)
176. Monthly Index of Russian Accessions 17, #2, 726
(May 1964)
Rudenko, V. V.
Make wider use of asbestos-cement pipes
Stroi. truboprov. (Pipeline Construct.) 8, #7, 26-27 (July 1963)
177. Tech. Translations 11, #9, 643 (May 15, 1963)
Budnikow, P. P.
Action reciproque du calcium des produits d'hydratation de ciment de portland et des fibres minerales
Cement-Wapno-Gips 14 (23), #10, 228-230 (1958)
A translation into French of the Polish article is available from the Centre National de Recherche Scientifique, as #CNRS-VI 363, or from OTS as TT-6 for \$1.60.

178. World Mining 17, #5, 74 (May 1964)
"Australia, New South Wales - Baryulgel asbestos gets OK from Mines Department. Many outcrops of asbestos over a large serpentine belt of enrichments at Baryulgel, 40 miles northwest of Grafton, Clarence River area, could support important mines according to the Mines Department. Grades vary from 1 to 10 percent fiber which could be easily recovered. A small company, Asbestos Mines Pty Ltd., has been working in the area for some time.
Another report on asbestos concerns Ampol Petroleum Ltd., a petrol marketing group. Ampol, in conjunction with "a Canadian group", has agreed to form an equal partnership called White Asbestos (Mining) Pty, Ltd. to investigate and, if favorable, mine and process asbestos deposits at Woodsreef, near Barraba. In 1962, Australia imported 29,700 tons of white asbestos of an f.o.b. value of £ 1,955,000." (This item is copied here in its entirety.)
179. anon
New dust control methods at Penge
Asbestos 45, #12, 2, 4, 6, 8, 10, 12 (June 1964)
Cape Asbestos S.A. (Pty.) Ltd. has built a new shorts plant to conform with South Africa's Pneumoconiosis Act of 1962.
180. anon
Asbestos mats
Asbestos 45, #12, 12 (June 1964)
News note about a sheet material developed by The Ontario Research Foundation which can be foamed to a thickness of three inches by igniting its outer layers. These outer layers are thin asbestos mats impregnated with a pyrotechnic mixture of iron powder and sulfur.
181. Chem. Abst. 60, 14260g (June 8, 1964)
Chumakova, S. P., Tokhtuev, G. V. & Skuridin, S. A.
Vein crocidolite from the Kalinen mine in the Krivoi Rog
Teor. i Genet. Vopr. Mineralog. i Geokhim., Akad. Nauk Ukr. SSR, Ukr. Otd. Vses. Mineralog. Obshchestva 1963, 121-124

182. Chem. Abst. 60, 15037g (June 8, 1964)
Holt, P. F., Mills, J. & Young, D. K.
Early effects of chrysotile asbestos
on the rat lung
J. Pathol. Bacteriol. 87, 15-23 (1964)
183. Chem. Abst. 60, 15465c (June 22, 1964)
Olofinski, N. F.
Advances in beneficiation of asbestos
ores and asbestos-containing wastes
Nauchn. Soobshch. Inst. Gorn. Dela, Akad.
Nauk SSSR 13, 69-78 (1962)
184. Chem. Abst. 60, 15615c (June 22, 1964)
Klimov, N. I.
Prospecting for anthophyllite-asbestos
in the northern Karelia
Materialy po Geol. i Polezn Iskop. Severo-
Zapadn. Geol. Upr. 3, 184-194 (1962)
185. Chem. Abst. 60, 15615f (June 22, 1964)
Banerjee, J. C., Naskar, S. P. & Sircar, N. R.
Asbestos deposits of Chamoli district,
Uttar Pradesh. Their physicochemical
properties and utilization
Trans. Indian Ceram. Soc. 22, #3, 98-107 (1963)
186. Iron Age 193, #24, 141 (June 11, 1964)
"How to insulate a giant. For very large
missiles, motor case insulation is installed
at the firing site. Goodyear's Aviation
Products Div. is building rubber-asbestos
liners into models of 120-in. and 260-in.
cases.... Dollies rotate the case, permit-
ting all work to be done horizontally."
187. Gackenbach, R. E.
Using reinforced plastic process equipment
Mater. Protection 3, #6, 41-46 (June 1964)
A number of installations at American
Cyanamid Co. are described, including asbestos
reinforced phenolic tanks and an asbestos-
furane lining.

188. anon

Nylon + asbestos = strength + heat resistance

Mod. Plastics 41, #10, 94-95 (June 1964)
Nylon-6 and nylon-6/6 containing about 40% anthophyllite asbestos are furnished by Blue Rock Mining Corp. of Wheaton, Illinois, for use as molding compounds.

189. Noble, T. Walter

Interest in non-glass reinforcements grows
Plastics Design & Processing 4, #6, 13-17
(June 1964)

Asbestos is featured in this article which also discusses other fibrous reinforcements for plastics, such as dacron, sisal, quartz, steel, etc.

(Mrs.) Harriet McBride
Librarian

6/26/64
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