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ASBESTOS-FREE SUBSTITUTES

0-MURR-0006717

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ESD(WFH)
11/2/71

IN THE ARIZONA
November 1992

TABLE II
ASBESTOS-FREE PRODUCTS

Material Designation	Manufacturer	Max. Temp. F	Composition
J-M Microlite	Johns Manville	350	Fibrous Glass
J-M Microtex	Johns Manville	350	Fibrous Glass
J-M Microlok	Johns Manville	500	Fibrous Glass
J-M 1000° Spin-Glas	Johns Manville	1,000	Fibrous Glass
J-M Cerafelt	Johns Manville	2,300	Fibrous Glass
J-M Zelle LW	Johns Manville	2,000	Kaolin - 70%
Aerotube (Armstrong Cork)	Johns Manville	220	Expanded rubber
57 Adhesive (Armstrong Cork)	Johns Manville		Synthetic rubber, phenolic resin, toluene, naphtha
Banroc (Keene)	Johns Manville	1,000	Mineral wool and metal
Monobloc (Keene)	Johns Manville	1,700	Mineral wool and clay
Fiberglas Aerocor	Fiberglas Canada, Ltd.	450	
Fiberglas Boards AF-530	Fiberglas Canada, Ltd.	450	
Fiberglas Pipe Covering	Fiberglas Canada, Ltd.	600	Glass fibers with phenol formaldehyde binder
Fiberglas Blanket	Fiberglas Canada, Ltd.	950	
Fiberglas AF-530	Fiberglas Canada, Ltd.	450	
Carey Temp	Philip Carey	1,500	Expanded perlite, glass
Carey Temp 2,000	Philip Carey	2,000	Fibers, clay and phenolic
Thermoglas Pipe Covering	Philip Carey	350	Binders
Careytemp Adhesive	Philip Carey		Fibrous adhesive
Foamglas	Pittsburgh Corning	800	Cellular Glass
Foamthane	Pittsburgh Corning	(-300 to 200)	Rigid Polyurethane
Tab-lok	Eagle Picher	1,400	Mineral wool with phenolic binder
Sauereisen No. 31	Sauereisen Cements	2,000	Silica base and sodium silicate
Lumnite	Universal Atlas	2,600	Alumina, titania, silica and calcium oxide
Resco AA-22	Resco Products	3,400	Alumina and P ₂ O ₅
Resco RS-5A	Resco Products	2,700	Alumina, silica and CaO
Resco RS-7	Resco Products	2,100	Alumina, silica and CaO
Resco RS-17-A	Resco Products	3,400	Alumina and CaO

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Material Designation	Manufacturer	Max. Temp F	Composition
Plicast KL Mix	Plibrico Canada, Ltd.	2,900	
L.W.I. - 20	Plibrico Canada, Ltd.	2,000	Alumina Silica,
L.W.I. - 24	Plibrico Canada, Ltd.	2,450	CaO, TiO ₂ , Na ₂ O
Super Air Bond	Plibrico Canada, Ltd.	3,200	Fe ₂ O ₃ and MgO ²
Super "F"	Plibrico Canada, Ltd.	2,800	
Narcospar	North American Refractories	3,100	SiO ₂ , Al ₂ O ₃ , CaO
Narcocrete	North American Refractories	2,450	
Narcocast ES	North American Refractories	2,400	Fe ₂ O ₃ , TiO ₂ , MgO,
Anti Erode	North American Refractories	2,500	in varying amounts
TIW Insulation Type 1	Owens Corning	1,000	Fiberglas
Fiberglas IS-Board	Owens Corning	850	Fiberglas
Aircor 75P	Owens Corning	250	Fiberglas
Kast-O-Lite 2,500 F	A. P. Green	2,500	SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ , CaO
Castable 20 2,000 F	A.P. Green	2,000	TiO ₂ , MgO
Fireclay - Mortar	A. P. Green	1,000	
Greencote	A. P. Green	3,000	SiO ₂ , Al ₂ O ₃
Greencast 12	A. P. Green	2,200	SiO ₂ , Al ₂ O ₃ , CaO
KS-4V	A. P. Green	2,600	SiO ₂ , Al ₂ O ₃ , CaO
SK-7	A. P. Green	1,800	
Gilso-Therm 70	American Gilsonite	460	Powdered bituminous coal
Style 4801 Blanket	Forty-Eight Insulation	1,600	Fiberglas
Super 48 Cement	Forty-Eight Insulation	1,900	Mineral Fibers and binders
No. 10 Insulation	Forty-Eight Insulation	1,200	Mineral fibers and binders
Super Powerhouse Cement	Keene Corporation	1,200	Mineral wool and Portland cement
Perlite	Perlite Industries	2,350	Expanded perlite
Durolite 22	Canadian Refractories	2,200	Fireclay, perlite and calcium aluminate
Duracrete G-ES	Canadian Refractories	2,600	Fireclay, calcium and aluminate
Kaowool	Babcock & Wilcox	2,300	Alumina-silica ceramic fiber calcined alumina-silica
Kaocrete - B	Babcock & Wilcox	2,300	Aggregate and calcium
Kaocrete 2800 LI	Babcock & Wilcox	2,600	Aluminate

IN THE ALBERTAS

November 1992

TABLE II
ASBESTOS-FREE PRODUCTS
(cont'd)

Material Designation	Manufacturer	Max. Temp F	Composition
Speed Crete, Blue Line	Cement Materials Corporation	85	Cement based silica
Light Weight Castable - 22	Harbison-Walker Refractories	2,200	SiO ₂ , Al ₂ O ₃ , CaO
Harchrome G	Harbison-Walker Refractories	2,600	
Harwaco Bond	Harbison-Walker Refractories	2,900	Fe ₂ O ₃ , Cr ₂ O ₃
Superplastic Firebrick	Harbison-Walker Refractories	3,000	TiO ₂ and MgO
Thermolith	Harbison-Walker Refractories	3,000	
Moldit 45	R&I Ramtite Canada, Ltd.	2,200	SiO ₂ , Al ₂ O ₃ , CaO,
Moldit 58	R&I Ramtite Canada, Ltd.	2,200	
Moldit 80	R&I Ramtite Canada, Ltd.	2,500	Fe ₂ O ₃ , Cr ₂ O ₃ ,
R&I 1199	R&I Ramtite Canada, Ltd.	1,800	TiO ₂ and MgO
Foster Lagtone Coatings	Benjamin Foster Company	180	Polyvinyl acetate and plasticizer and ethylene glycol, glycol ether acetate, water
Thermo-12	Johns Manville Corp.	1,500	asbestos free calcium silicate

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