### Table 1.7. Asbestos Applications *

#### Raw Asbestos

<table>
<thead>
<tr>
<th>Yarn</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wick packing</td>
<td>Rope packing</td>
</tr>
<tr>
<td>Felt</td>
<td>Paper (plain and corrugated)</td>
</tr>
<tr>
<td>Rollboard</td>
<td>Millboard</td>
</tr>
<tr>
<td>Insulating wire</td>
<td>Compressed sheet packing</td>
</tr>
<tr>
<td>85% Magnesia pipe covering, blocks and locomotive lagging</td>
<td>High temperature insulation</td>
</tr>
<tr>
<td>Compound for encasing of motor windings</td>
<td>(molded or various types)</td>
</tr>
<tr>
<td>Molded brake lining and brake blocks</td>
<td>Molded composition for electrical and other purposes</td>
</tr>
<tr>
<td>Reinforcement in plastics</td>
<td>Automobile bodies and railway sleepers (molded composition)</td>
</tr>
<tr>
<td>Flooring</td>
<td>Filler in plastics</td>
</tr>
<tr>
<td>Asbestos cement products</td>
<td>Pottery and sculpture</td>
</tr>
<tr>
<td>Paints, varnishes and fillers</td>
<td>Plaster and stucco</td>
</tr>
<tr>
<td>Filling for asbestos mattress insulation</td>
<td>Sprayed asbestos (acoustical)</td>
</tr>
<tr>
<td>Insulation of walls and floors (loose fiber)</td>
<td>Insulation of batteries (loose fiber)</td>
</tr>
<tr>
<td>Insulation in underground conduits (loose fiber)</td>
<td>In foundations (to resist shock)</td>
</tr>
<tr>
<td>Wadding in cartridges and timing devices</td>
<td>Packing for explosives or other materials</td>
</tr>
<tr>
<td>Platinized asbestos fiber for filtering</td>
<td>Filter fibers and filter pads</td>
</tr>
<tr>
<td>In cheese making (spores are placed on asbestos)</td>
<td>Coating for welding rods</td>
</tr>
<tr>
<td>Asphalt floor tile</td>
<td>Sewer pipe</td>
</tr>
<tr>
<td>Adhesive</td>
<td>Automobile body undercoating</td>
</tr>
</tbody>
</table>

#### Asbestos Yarn

<table>
<thead>
<tr>
<th>Cloth</th>
<th>Tape, electrical and other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake lining</td>
<td>Clutch facings</td>
</tr>
<tr>
<td>Packing, valve stem, braided and other</td>
<td>Gas mask filters</td>
</tr>
<tr>
<td>Gaskets and gasket cloth</td>
<td>Tubing</td>
</tr>
<tr>
<td>Wick for oil burning apparatus</td>
<td>Rope</td>
</tr>
<tr>
<td>Twine or sewing thread</td>
<td>Stocking for lead cable</td>
</tr>
<tr>
<td>Electric fixture wire covering</td>
<td>Electric cable covering</td>
</tr>
<tr>
<td>Typing gas mantles</td>
<td>Spark plugs</td>
</tr>
<tr>
<td>Edges for hair felting</td>
<td>Steam hose</td>
</tr>
<tr>
<td>Fire-retardant hose</td>
<td></td>
</tr>
</tbody>
</table>
Table 1.7 (Continued)

Asbestos Cloth

Packing, sheet, high pressure, folded or wound
Clutch facings
Asbestos insulation mattresses

Clothing, suits, gloves, leggings

Draperies
Blankets for fire fighting
Bags and diaphragms (in oxygen producing)
Awnings
Theatre curtains
Floor lining in theatres
Motion picture screen
In acetylene welding
Asbestos faced wipers in commutators
Filtering (fruit juices, acids, etc.)
Oil filter sack (in automobiles)
Oven insulation
Lining of laboratories, cooling chambers and other rooms
Lining of automobile footboards
Padding, prison cells
In various medical test apparatus
Sand bags (for pressing hats)
In hay curing to preserve aroma and color
Insulation against noise and vibration (especially in airplanes)
Ironing board covers

Brake lining, folded and stitched
Gaskets
Substitute for canvas on insulation where temperatures are high (lagging cloth)
Helmets
Aprons
Berets
Hangings for firestops
Blankets in electrolyzer cells
Mailbags
Rugs
Theatre scenery
Portable motion picture booths
In acoustical treatment
Gun grips
Facing for dryer felt
Filter in dust collectors
Protectors for gas bags in balloons
Lining in motors
Plastics
Padding for laundry presses and mangles
Wrapping oil tanks and oil lines in engines
Umbrellas and shields (protecting firemen)
Conveyor belting
In cheese making to control temperature
Fittings for airplanes

Asbestos Felt

In acoustical work
On paper machines
Padding in pianos
Adhesives

Protection of underground pipe
Noise insulation
Plastics
Introduction

Asbestos Tape

Wick for oil burning apparatus
Pull strings for ovens
Insulating armatures
Winding bus bars
Such laboratories uses, as insulation for flasks, test tubes, retorts; tie straps in diffusing materials
In glass manufacture for wrapping times of forks to take bottles from ovens
Insulating electric wires on planes and ships

Wick Packing

As packing

For piping of wire, armor plate or galvanized materials

Asbestos Paper

Air cell and other pipe coverings
Asbestos felt roofing
Asbestos protected metal roofing
Wick in oil burning apparatus
Wrapping of electrical wire
Linings of stoves and heaters
Linings of:
Filing cabinets
Soldiers’ helmets
Auto mufflers
Drum controllers
Electric appliances
Armored car roofs
In enameling ovens to catch drip
Diaphragm in electrolytic cell
Reinforcing aluminum foil for insulation
In window glass machinery to guide hot sheets; to shield hot glass from flying fragments
In welding and other processes for protection from heat
In annealing (crumpled paper)
Covering of rockwool blankets which must be sewed

Boiler jackets
Asbestos built-up roofing
Gaskets, plain and metallic
Tubes in electrical industry
Wrapping of hot air pipes
Cartridges
Carpets
Radiator covers
Cookers
Motors
Insulation of ovens and dry kilns
Tank covers
Filtering

In chemistry and physics in many various ways
Reinforced with cotton thread for automobile tops
Wrapping of wires and cables
Table 1.7 (Continued)
Asbestos Paper (Continued)

<table>
<thead>
<tr>
<th>Insulating exhausts on automobiles</th>
<th>Baking sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table pads and mats</td>
<td>Construction air ducts or lining of paper ducts</td>
</tr>
</tbody>
</table>

Asbestos Millboard

<table>
<thead>
<tr>
<th>Stoves and heaters</th>
<th>Safes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garages</td>
<td>Motion picture booths</td>
</tr>
<tr>
<td>Electric switch boxes</td>
<td>Dry cleaning machines</td>
</tr>
<tr>
<td>Garbage incinerators</td>
<td>Hoods of automobiles</td>
</tr>
<tr>
<td>Bottoms of brooder stoves</td>
<td>Ovens and dry kilns</td>
</tr>
<tr>
<td>As fireproof wallboard</td>
<td>Ceiling over boilers, smoke stacks, etc., for fire protection</td>
</tr>
<tr>
<td>Gaskets, plain and metallic</td>
<td>Paddles in glass mills</td>
</tr>
<tr>
<td>Washers in electrical apparatus</td>
<td>Tent shields and stove pipe rings</td>
</tr>
<tr>
<td>In metal clad doors (between outside metal and wood core)</td>
<td></td>
</tr>
<tr>
<td>Table pads and mats</td>
<td>Stove mats</td>
</tr>
</tbody>
</table>

Asbestos-Cement, Flat Sheets, and Wallboard

<table>
<thead>
<tr>
<th>Interior sheathing (of factories, refrigerator rooms, etc.)</th>
<th>Exterior sheathing (half-timber effect)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partitions, movable and fixed</td>
<td>Portable buildings</td>
</tr>
<tr>
<td>Brick-type siding</td>
<td>Semiportable motion picture booths</td>
</tr>
<tr>
<td>Roofs and sides of small buildings</td>
<td>Fire protection around engines</td>
</tr>
<tr>
<td>Fireproof layer on insulated board</td>
<td>Backing for dies (in molded glass)</td>
</tr>
<tr>
<td>Lining of fireless cookers</td>
<td>Hoods over machines or vats</td>
</tr>
<tr>
<td>Brake shoes for elevators</td>
<td>(from which vapor rises)</td>
</tr>
<tr>
<td>Mounting of test instruments and gages</td>
<td>Laboratory table tops</td>
</tr>
<tr>
<td>Switch boards</td>
<td>Cabinets and panel box work</td>
</tr>
<tr>
<td>Insulators between phases and on arc deflectors</td>
<td>Miscellaneous uses in electrical apparatus</td>
</tr>
<tr>
<td>Electric motor casings</td>
<td>Spark arresters</td>
</tr>
<tr>
<td>Lining for bleaching and other tanks and vats</td>
<td>Backgrounds and cutouts for window displays</td>
</tr>
<tr>
<td>Blackout or bombproof board</td>
<td></td>
</tr>
</tbody>
</table>
Asbestos Cement Pipes

For carrying of water, sewage, gas and special liquids
As gas vent pipes
Conduits for electric light wires, etc.
Purlins, rafters, trusses, etc. for wartime buildings

Asbestos Composition Material

Insulation compounds
Electric wire insulation
Lamp sockets, rheostat backings, switch parts, arc deflectors, resistance mountings and other electrical uses
Underground insulation
Phonograph records, buttons and other small objects made of plastic
Heater cord insulation
Missile and aircraft plastics
Flooring
Sealing of percussion caps in large cells

Asbestos Products in Theatres

To localize fires in location
For wall sections in sets to prevent reverberation
Firebox in fireplaces
Blinders or ears for lights or sun arcs
Dust on cobwebs, old wine kegs, etc.
Insulation for maintaining even temperature
To protect nearby buildings when fires are set
Insulation of camera booths against sound
Dressing winter scenes as snow
Noise insulation