

## POTENTIAL ASBESTOS-CONTAINING MATERIALS

### Surfacing Materials

Asbestos commonly used as an acoustical, decorative, or fireproofing material. ACM was sprayed or troweled on surfaces of structural members, steel beams, columns, and decking.

- Plaster
- Popcorn acoustical sprays
- Textured paints or coatings
- Fireproofing insulation
- Overspray of asbestos material on ceilings and walls

### System Insulation

Asbestos used as insulation to inhibit heat transfer and condensation for the following:

- Boilers
- Tanks
- Ducts

Asbestos used as insulation for hot and cold water systems or for heating, ventilation, and air conditioning (HVAC) systems:

- Pipe lagging
- Pipe wrap
- Block, batt, and blanket insulation
- Cements
- Gaskets and ropes

### Miscellaneous Materials

Asbestos added to cement products:

- Siding and roofing shingles
- Wallboard
- Corrugated and flat sheets for roofing, cladding, and partitions
- Pipes and ducts

Asbestos added to asphalt and vinyl products:

- Roofing felts
- Flooring felts
- Exterior siding
- Floor tile
- Joint compounds (sheetrock "mud") and adhesives
- Fabrics (woven asbestos cloth) for vibration dampers in ventilation systems
- Ceiling tile
- Vermiculite attic insulation or as insulation poured into cavities of concrete block walls

## **STATUS OF ASBESTOS PRODUCTS**

### **Clean Air Act (CAA)**

#### **1973 NESHAP**

- Most spray-applied Surfacing ACM **BANNED** for fireproofing/insulating.

#### **1975 NESHAP**

- Wet-applied and preformed (molded) asbestos pipe insulation **BANNED**.
- Preformed (molded) asbestos block insulation on boilers and hot water tanks **BANNED**.

#### **1978 NESHAP**

- Most spray-applied Surfacing ACM **BANNED** for “decorative” purposes.

#### **Nov. 1990 revised asbestos NESHAP**

- Spray-on application of ACM to buildings, structures, pipes, and conduits **BANNED**
  - **UNLESS** the material is encapsulated with a bituminous or resinous binder during spraying and
  - the materials are not friable after drying.
- Spray-on application of ACM to equipment and machinery **ALLOWED**
  - **WHERE** the asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and
  - the materials are not friable after drying.

## **Toxic Substances Control Act (TSCA)**

### **July 1989 EPA Rule Known as the Asbestos Ban and Phaseout Rule**

Much of the original rule was vacated and remanded by the U.S. Fifth Circuit Court of Appeals in 1991. Thus, the original 1989 EPA ban on the U.S. manufacture, importation, processing, or distribution in commerce of many asbestos-containing product categories was set aside and did not remain in effect.

### **Federal Register, Nov. 5, 1993**

#### Products still **BANNED**

- Corrugated paper
- Rollboard
- Commercial paper
- Speciality paper
- Flooring felt
- New uses of asbestos

#### Products still **ALLOWED**

- Asbestos-cement corrugated sheet
- Asbestos-cement flat sheet
- Asbestos clothing
- Pipeline wrap
- Roofing felt
- Vinyl-asbestos floor tile
- Asbestos-cement shingle
- Millboard
- Asbestos-cement pipe
- Automatic transmission components
- Clutch facings
- Friction materials
- Disc brake pads
- Drum brake linings
- Brake blocks
- Gaskets
- Non-roofing coatings
- Roof coatings