

## A MESSAGE ON ASBESTOS

Asbestos is a naturally occurring mineral substance that can be pulled into a fluffy consistency. Asbestos fibers are soft and flexible yet resistant to heat, electricity and chemical corrosion. Pure asbestos is an effective insulator and can be mixed into cloth, paper, cement, plastic and other materials to make them strong.

These qualities once made asbestos very viable, but unfortunately, they also make asbestos highly toxic.

This brochure should only be used as an introduction and should not be used for legal advice.

INDUSTRIAL COMMISSION OF ARIZONA

ARIZONA DIVISION OF  
OCCUPATIONAL SAFETY  
AND HEALTH:

602.542.5795  
AZICA.GOV

ARIZONA REGISTRAR OF  
CONTRACTORS:

602.542.1525  
ROC.AZ.GOV

ARIZONA DEPARTMENT  
OF ENVIRONMENTAL  
QUALITY:

602.771.2300  
AZDEQ.GOV

THIS BROCHURE IS MEANT TO  
BE AN INTRODUCTION TO  
ASBESTOS AND SHOULD NOT BE  
USED AS LEGAL ADVICE

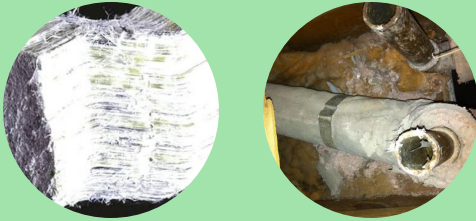


# ASBESTOS: THE SILENT CANCER

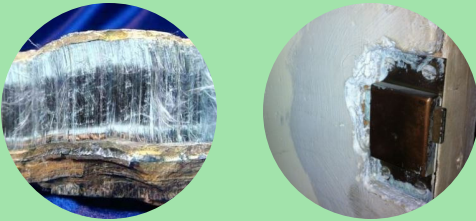
## WHAT YOU NEED TO KNOW

Pursuant with ARS 32-1128

# IDENTIFY



**CHRYSOTILE**



**CROCIDOLITE**



**AMOSITE**

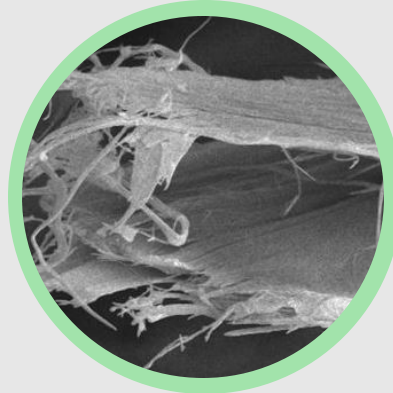
**Chrysotile** is the most commonly used asbestos and is used in cement, brake pads/linings and roofing material

**Crocidolite** is mostly found in industrial manufacturing settings

**Amosite** is found in cement sheet, plumbing insulation and electrical insulation



# HAZARDS



- Asbestos hazards may occur during manufacturing of asbestos-containing products; performing brake or clutch repairs; renovating or demolishing buildings; or cleanup from those activities
- Asbestos workers have increased chances of getting two principal types of cancer: cancer of the lung tissue and mesothelioma
- Some materials are presumed to contain asbestos if installed before 1981: thermal system insulation, roofing and siding shingles, vinyl floor tiles, plaster/cement/putties, ceiling tiles and spray coatings, industrial pipe wrapping, etc.



# RULES

OSHA has three standards to protect workers from the hazards of asbestos depending on the type of work:

- **General Industry:** 29 CFR 1910.1001 covers work in general industry, such as exposure during brake and clutch repair, maintenance work, and manufacture of asbestos-containing products
- **Shipyards:** 29 CFR 1915.1001 covers construction, alteration, repair, maintenance, renovation and demolition of structures containing asbestos during work in shipyards
- **Construction:** 29 CFR 1926.1101 covers construction, alteration, repair, maintenance, or renovation and demolition of structures containing asbestos

