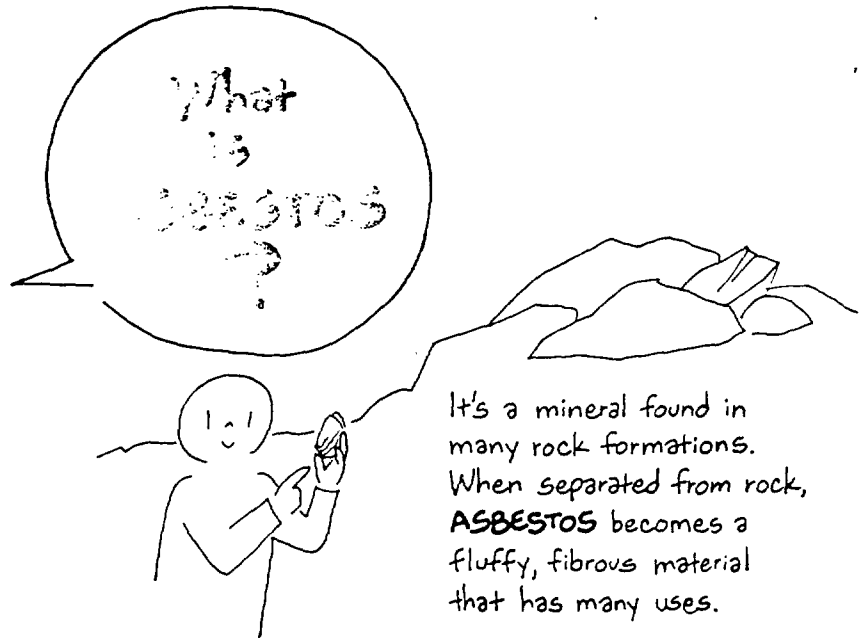


PLAINTIFF'S EXHIBIT

CAP-417

**CAUTION:
ASBESTOS
DUST...**

CAPCO JEN 0000238



3 most common TYPES

CHROSOTILE

90% of all asbestos processed. Resists heat but not acid. Can be easily spun into asbestos cloth.

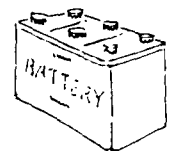


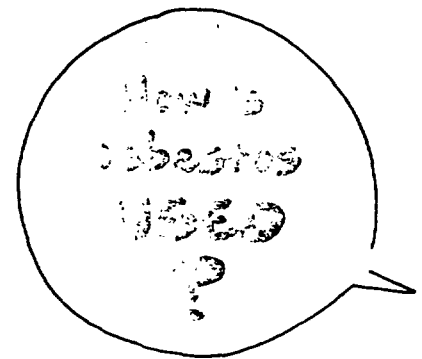
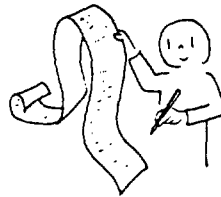
AMOSITE

Acid and heat-resistant. Used in bulk form for heat insulation and molded into pipe insulation.



Poor heat insulation, but highly resistant to acid. Used to make acid-resistant cement pipe and in electric battery cases.

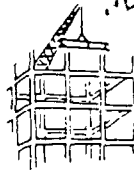




There are almost 3000
asbestos products manufactured today!

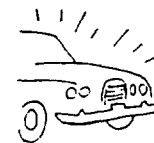
MAJOR USES OF ASBESTOS

1 CONSTRUCTION INDUSTRY



Uses about 2/3 of all asbestos produced for cement production, roofing, plastics, insulation, floor tiling.

2 AUTOMOTIVE INDUSTRY



Widely used as friction material in brake and clutch linings... also as undercoating to protect against corrosion.

3 TEXTILE INDUSTRY



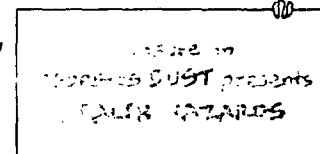
Fireproof clothing and safety equipment, fire-resistant curtains for theatres, schools.

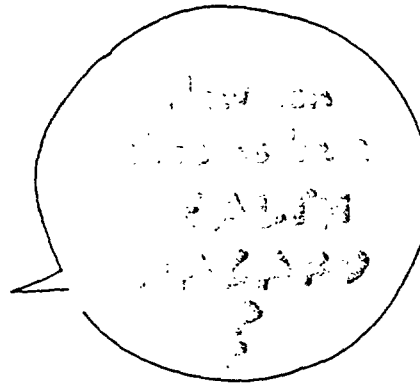
4 SPACE TRAVEL



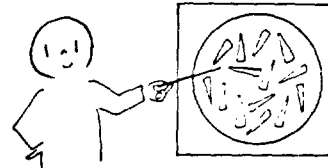
Asbestos is used to strengthen metals exposed to heat -- e.g., in the nose cones of space vehicles.

Asbestos is very useful **BUT...**





If air containing asbestos dust is inhaled, the small, sharp fibers may work their way into the lung tissue and remain imbedded for life... a constant source of irritation.



Asbestos fibers
remain in the lung
as they are too small to be
removed by the body.

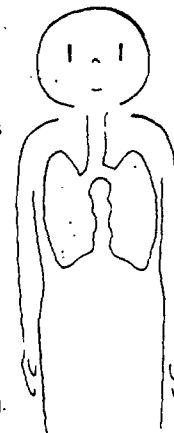
The danger **VARIES** depending upon...

1 INTENSITY OF ASBESTOS DUST

(number of asbestos
fibers in the air
within a given
space)

3 FIBER SIZE and VARIETY

Very fine, short
fibers are most
highly cancer-causing.



2

Some people are more
likely to develop
asbestos-related
diseases than others.

4

-- such as
cigarette smoke
can increase the
risk of disease.

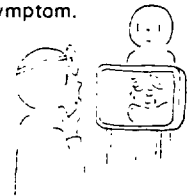
Asbestos-related diseases

Symptoms may first appear 30 years after exposure!

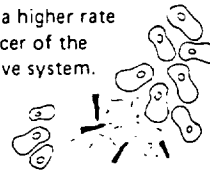
A lung disease that begins with irritation of the lungs by inhaled asbestos dust, causes scarring and thickening of the lung wall. Breathing becomes difficult, thus causing a strain on the heart. Usually appears 10 - 20 years after exposure.



A cancer of the chest or abdominal lining, which is rare except in people exposed to asbestos. Usually fatal within one year of the first symptom.

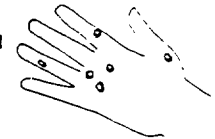


Cancer of the respiratory system is eight times as common in asbestos workers as in the general public. -- also a higher rate of cancer of the digestive system.



or warts result from chronic irritation caused when asbestos fibers penetrate the skin -- usually the hands.

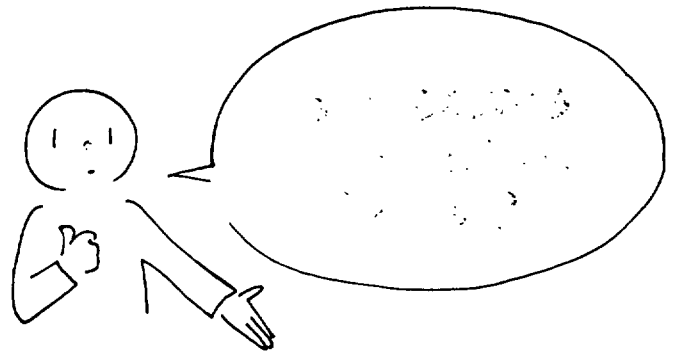
Not believed to lead to skin cancer.



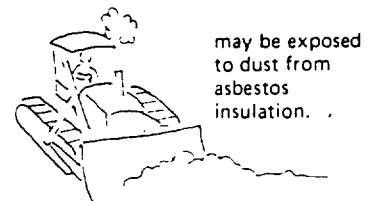
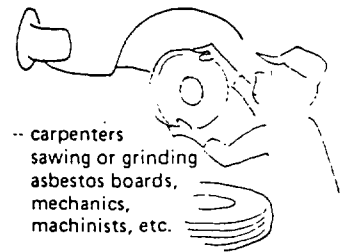
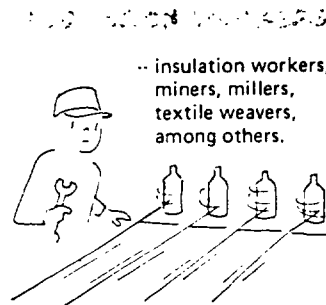
All the hazards of asbestos are not yet fully understood...much research is needed.

THE RESEARCHERS... have found that the cancer...





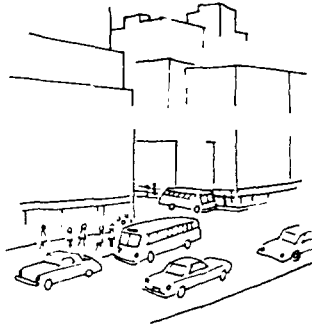
If you work with or around asbestos-- it is!



However...
the hazard doesn't stop there--

ASBESTOS POLLUTION

HAZARDS EVERYONE!



A significant asbestos dust level has been found in the air in large cities and suburbs.

Dust originates from asbestos industry, construction sites, the wear of brake linings, clutch plates, mufflers.

IF YOU SMOKE...

Asbestos workers who smoke have almost 90 times greater risk of cancer as the non-smoking general public.



There is

NO TREATMENT
for asbestos-related diseases

But if problems are diagnosed early, exposure levels can be reduced and complications treated.



...
especially if you work with
or around asbestos,

**GET REGULAR
CHECKUPS!**



Science, industry, labor and government are working together to control the dangers of asbestos.

How EXPOSURE

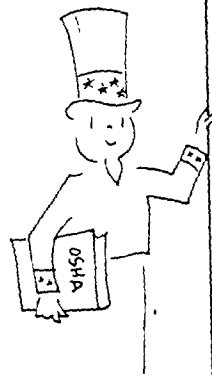
Steps we can take for prot

First...

SHOW the OSHA SAFETY STANDARDS

The Occupational Safety and Health Administration of the Federal Government has established standards for work in areas containing a certain level of asbestos dust.

Here they are...



OSHA SAFETY STANDARDS

- 1 Time-weighted average concentration levels for 8-hour workday shall not exceed 5 asbestos fibers per cubic centimeter of air.
- 2 Peak concentration level allowed shall be 10 fibers per cubic centimeter of air for no more than 15 minutes an hour, up to 5 hours per day.

Standards scheduled to be reduced in 1976, possibly sooner

Can be CONTROLLED

Protection against asbestos dust

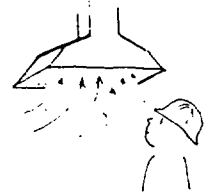
Then...

WORK TO MEET THESE STANDARDS

via...

1) NEW ENGINEERING METHODS

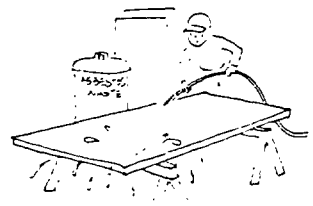
... to prevent the escape and spread of floating dust. Dust-producing operations can be isolated. Tools can be fitted with exhaust ventilation and dust control systems.



2) BETTER WORK PRACTICES

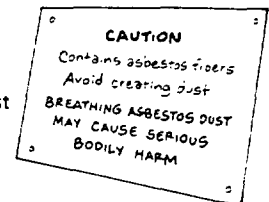
Asbestos can be wet down before handling to prevent airborne fibers.

Asbestos waste and debris can be sealed in impermeable bags and containers.



3) CAUTION SIGNS AND LABELING

All products containing asbestos fibers not permanently bonded or contained must be labelled visually and legibly, i.e.,



MORE... 

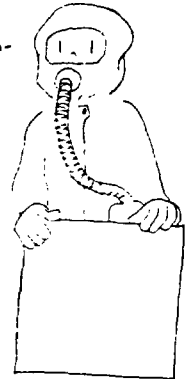
Meeting the Safety Standards (cont'd)

When handling asbestos and materials or equipment containing asbestos, PERSONAL PROTECTIVE EQUIPMENT could be the only way to protect you.

SPECIAL CLOTHING... either fabric or resin-coated paper. Includes full suits, coveralls, head covering, gloves, foot covering.

RESPIRATORS (3 basic types)

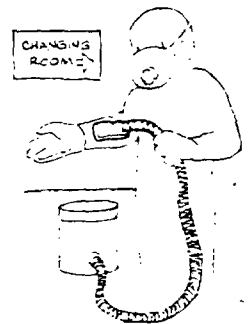
- A. FILTER-TYPE AIR PURIFYING RESPIRATORS
For use when dust level may exceed recommended peak.
- B. POWERED AIR-PURIFYING RESPIRATORS
Used when average contamination is between 10 - 100 times peak level.
- C. TYPE "C" SUPPLIED-AIR RESPIRATORS
Used when concentration may be more than 100 times recommended levels.



ON-THE-JOB HOUSEKEEPING

Clean-up is important at the end of work periods (breaks, lunch, workday). You will be covered with tiny asbestos fibers. Do not shake or blow dust off.

Vacuum your garments before removal and place them in a designated container. Use special changing rooms to change clothes.



Proper medical surveillance can show whether employees are receiving adequate protection from the dangers of asbestos.

Surveillance includes...

PHYSICAL EXAMINATIONS AND TESTING

... on a regular basis. Annual check-ups for everyone; more frequent attention recommended for those with heart and lung trouble or those who are exposed to levels in excess of 2 fibers per cc.



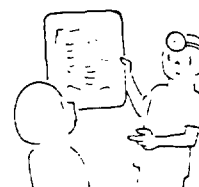
MEDICAL HISTORY RECORDS

Medical history of each employee working with asbestos should be carefully kept. Includes history of exposure to asbestos and other contaminants.

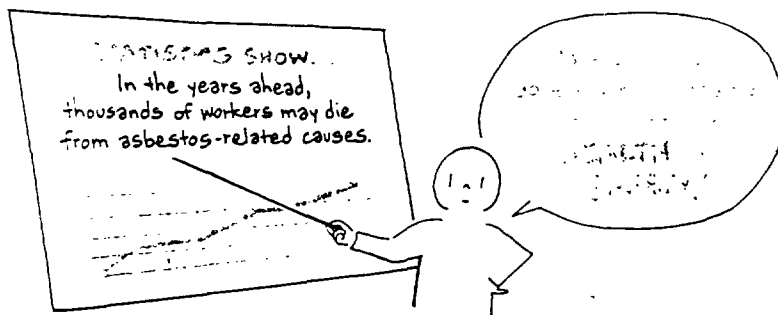


MEDICAL NOTICE

Employees should be informed when dangerous signs appear on tests, or when any job-related problems threaten health.



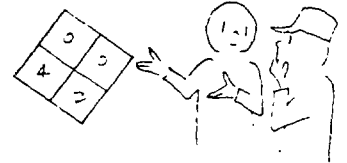
APPROPRIATE ACTIONS of medical surveillance can result in new job placement, shift rotation, improved work practices, other measures.



SAFETY ON THE JOB 1



1 **KNOW** the hazards of your job. Is your exposure direct or indirect? High or low levels? Are there recommended controls?



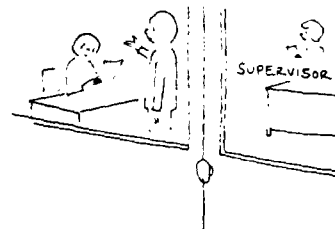
2 **WEAR** and maintain your Personal Protection Equipment.



3 **MAINTAIN** good on-the-job housekeeping. Use vacuums and dust-collecting equipment.

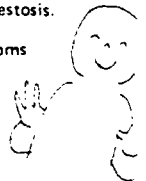


4 **REPORT** hazardous conditions -- i.e., unusually high dust levels, need for equipment -- to supervisor.



5 **CONSIDER** your health at all times. Don't work with asbestos if you have lung disease, or any symptoms of asbestosis.

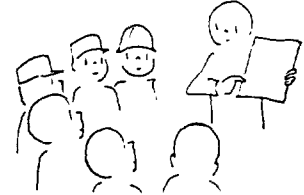
Know the symptoms of cancer and asbestosis.
DON'T SMOKE.



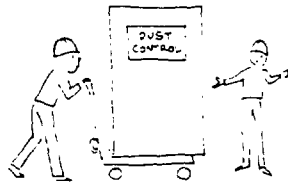
EVERYBODY'S BUSINESS



- 1 **ADVISE** employees of the dangers of exposure and the necessity of caution and awareness.



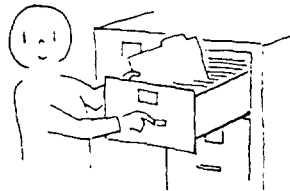
- 2 **SUPPLY** modern engineering equipment to provide the healthiest possible working environment.



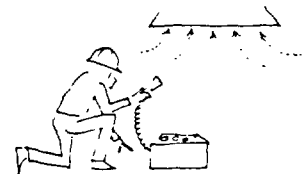
- 3 **MONITOR** asbestos dust levels. A sampling of air in work areas should be taken every 6 months.



- 4 **KEEP** medical records of each worker exposed to asbestos dust. Also provide regular physical check-ups.



- 5 **TAKE** all other necessary precautions to prevent unexpected exposure. Provide for routine testing of ventilation controls.





Sooo...

**WE CAN
REDUCE THE HAZARDS
OF ASBESTOS**

if everyone does his part...

GOVERNMENT'S JOB

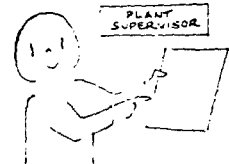


SET SAFETY STANDARDS
for proper work conditions.

ENFORCE the standards via
periodic inspection.

UPDATE STANDARDS
... as necessary

EMPLOYER'S



RESEARCH new ways to control
asbestos.

PROVIDE safety-equipped work
space and facilities.

INSTRUCT employees about
dangers, methods of protection.

WHAT?

YOUR JOB IS
TO KNOW HOW TO PROTECT
YOURSELF ON THE JOB!

Learn...

- ✓ What asbestos-containing materials are in use at your workplace.
- ✓ How these materials can be worked.
- ✓ How to maintain control equipment.
- ✓ What other precautions you should take to be safe.

After all...

IT'S YOUR HEALTH & SAFETY
and nothing is more
IMPORTANT!



Prepared in cooperation with the

National Institute for Occupational Safety and Health

Public Health Service, U.S. DHEW

Cincinnati, Ohio 45202