

is-Manville

Insulation
Systems

Power & Process
Insulations

PLAINTIFF'S EXHIBIT

SH-1837

HS&E/S&IHL STEEL REGION			
F 72-31-80			
AFS	SEP 13 1980	INFO	
TAC		FILE	
JFM		HANDLE	
BWD		DISCUSS	
DUE DATE			

PP-78-11
NOVEMBER 20, 1978

REMOVAL AND HANDLING
OF
ASBESTOS CONTAINING INSULATION

We have recently received a number of requests for information on the proper methods for removing and handling of products containing Asbestos Fibers.

We as a company do not make any specific handling recommendations. There are, however, two publications which pertain to this matter. They are:

Federal Register, October 9, 1975 - OSHA Regulations

Federal Register, October 14, 1975 - EPA Regulations

We suggest you refer customers seeking such information to these publications. ~~Copies are attached.~~

R. E. CLARK
MARKET MANAGER

TO: 110T
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114T
5211
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Manville - A. Jung
" N. Rosania
Waukegan - W. Scott
Waukegan - J. Pickering
Long Beach - W. Ford
" A. Verduzco

Attachments:

Federal Register, October 9, 1975 - OSHA Regulations
Federal Register, October 14, 1975 - EPA Regulations

LAM 025808

Industry's Insulation Experts

ABS-016946

Pabco technical bulletin

Pabco high temperature insulating systems

PTB-48-3
8/78

FREE SILICA TOXICITY

Free silica toxicity is an old problem in industry. Inhalation of free (biologically active, crystalline) silica can lead to silicosis, a fibrotic condition of the lung tissue which reduces vital capacity, and makes the victim more susceptible to such diseases as pneumonia and tuberculosis.

Various health studies have shown that the body can tolerate a certain amount of dust so long as it is not biologically active.

The American Council of Government and Industrial Hygienists (ACGIH) has set down guidelines for the amounts of various dusts that can be tolerated, the most innocuous of which is designated as "nuisance dust". "Nuisance" dusts are defined as particulate materials containing no more than 1% free silica.

The dust from Pabco Super Caltemp® is by the above definition a "nuisance dust", and thus a minimal hazard to workers. By test, our product contains less than 0.2% free silica.

In December, 1974, NIOSH published a recommended standard for "Occupational Exposure to Crystalline Silica". If adopted, this regulation would require:

1. Manufacturers of all products such as Calsil to label products containing more than 5% free silica as hazardous materials.
2. Manufacturers and users of such "hazardous" products would be required to conduct periodic physical exams and keep detailed health records of all employees who came into contact with such "hazardous" free-silica products.
3. Manufacturers and users to control free silica dust exposure to comply with standards or, when dust limits cannot be met, provide respirators for every worker exposed.
4. Manufacturers and users to conduct dust surveys -- both personal and workplace -- to demonstrate compliance with regulations.

LAM 025809

"The technical data shown are considered by us to be accurate and reliable; however, no warranties, express or implied, are given or intended, and any such warranties are expressly disclaimed."

ABS-016947

5. That each employee exposed to free silica be advised of the hazards involved.

To repeat — Pabco would not be affected by such regulations since we manufacture our Calsil from raw materials that contain almost no free silica.

LAM 025812

ABS-016950