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DEPARTMENT OF PUBLIC SAFETY
DIVISION OF AIR POLLUTION CONTROL
CITY OF SAINT LOUIS

C. M. COPLEY, JR., P.E.
COMMISSIONER

March 22, 1972

419 CITY HALL
ST. LOUIS, MO. 63101

CEH

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Zonolite Division of W. R. Grace Company
1705 Sulphur
St. Louis, Missouri 63110

RECEIVED
MAR 22 1972
ZONOLITE DIVISION
ST. LOUIS, MISSOURI

ATTN: Mr. Bill Skiles, Plant Superintendent

Dear Sir:

Enclosed find a copy of the report describing the various operations
in your plant where asbestos is processed.

As yet the federal government has not formally promulgated any
regulations on the use of asbestos or control of emission during pro-
cessing, however, when they do we will send you a copy of these regulations.

The purpose of this report is to point out possible problem areas
which could fall under regulations in the future. It is believed that
the federal regulations will be very strict in the use and processing of
asbestos which has been classified along with beryllium and mercury as
a hazardous material.

At the present time the processing of asbestos is not under any re-
strictions of any city or state ordinance unless it would violate the
air pollution ordinance 54699.

If there are any questions, feel free to contact me at 453-3334.

Very truly yours,

Robert F. Hacker

Robert F. Hacker, Engineer
Division of Air Pollution Control

RFH/mrf
enclosure

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Company: Zonolite Division of W. R. Grace Company
Address: 1705 Sulphur
Telephone - 645-8786
Person Contacted: Mr. Bill Skiles, Plant Superintendent
Date: March 21, 1972

This company uses approximately 20 tons a year of asbestos identified as 7K-02. It is received by rail from Johns-Manville Company of Canada in 100 pound pressed bags.

The finished product is Mono-Kote. This is a fire proofing material that is used in the building industry as a spray. It is packaged dry in 50 pound bags and shipped by rail to most midwestern states.

An average 852 pound batch consists of asbestos - 100 lbs., gypsum - 500 lbs., #3 vermiculite - 250 lbs., and a product called duponal - 2 lbs.

The operation consists of dumping the dry ingredients from paper bags into a waste high hopper. It is then conveyed automatically by bucket elevator to an over-head mixing and storage container. The mixed ingredients are then gravity fed to ground level and are then bagged in the fifty pound bags.

The operator is required and does wear a respirator throughout the entire operation.

Possible Problem Areas:

There is no vent or exhaust fan directly connected to this operation. However, the mixer is located reasonably close to two large doors in the rear of the building and there is a light dust problem with emissions from this door. Frank Ross of this Division was present at the time of the survey and has been working with the company on this problem and it should be corrected in the near future. It is important to note that the company is now in the process of trying to find a substitute for the asbestos