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PUBLIC HEALTH DIVISION



ENVIRONMENTAL HEALTH SERVICES BRANCH
ONE ST. CLAIR AVENUE WEST
TORONTO 7, ONTARIO

DEPARTMENT OF HEALTH
(416) 365-4066

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September 30, 1971.



Mr. W. F. Hunter,
Sales Manager,
F. Hyde (Ontario) Limited,
3349A Bloor Street West,
Toronto, Ontario.

Dear Mr. Hunter:

Enclosed please find a copy of the results of sampling done in a school where Mono Kote III" was being used. It is apparent from the results that the "Mono Kote" mixing and spraying operations do produce air borne fibres which could occasionally exceed the TLV. Hence, in my opinion, all the dust control measures applicable to an asbestos spraying operation should also apply to the mixing and spraying of "Mono Kote".

Yours truly,

G. S. Rajhans, P.Eng.,
Dust Control Specialist,
Occupational Health Service.

GSR/jt
Encl.

Mr. Nelson - chief
Mr. Bethel - chemical specialist

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EMPLOYEE HEALTH . . . OCCUPATIONAL HEALTH . . . RADIATION PROTECTION . . . PESTICIDES CONTROL
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ONTARIO DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH LABORATORIES TEL: 365-7925
360 CHRISTIE STREET, TORONTO 4, ONT.

RE: AIR SAMPLES FOR TOTAL DUST LOAD AND ASBESTOS TAKEN ON
SEPTEMBER 27, 1971 AT A CONSTRUCTION PROJECT IN THE
G.S. HENRY SECONDARY SCHOOL, NORTH YORK. REQUESTED BY
MR. G. RAJHANS AND MR. D. LITTLE OF DOUBLE DISTRIBUTION LTD.,
560 EGLINTON AVE. EAST, ROOM 209, TORONTO 350.

REPORT NO: 14,626
DATE: SEPT. 27, 1971
COPIES TO: DR. V. TIDEY (2)
MR. G. RAJHANS
DR. J. COWLE (2)
MR. J. McHAIR (2)
MR. H. WALL (2)

FROM: C. RHODES

MONO KOTE III WAS BEING USED AT THE ABOVE CONSTRUCTION SITE
DURING THE TIME OF OUR VISIT.

THE FOLLOWING TABLES LIST THE LOCATIONS AND RESULTS OF THE
AIR SAMPLES THAT WERE TAKEN:

<u>SAMPLE NO. AND LOCATION</u>	<u>TOTAL DUST LOAD</u>
	<u>DUST</u> <u>MILLIGRAMS/CU. METER AIR</u>
1. BESIDE OPERATOR, SPRAYING WET MATERIAL.	7.0
2. BESIDE MIXER (DURING CHARGING AND MIXING CYCLES).	9.6

NOTE: SAMPLE NO. 1 WAS SPLATTERED WITH WET MATERIAL BEING SPRAYED AND CANNOT BE
CONSIDERED A TRUE PICTURE OF THE DUST CONDITIONS.

<u>SAMPLE NO. AND LOCATION</u>	<u>ASBESTOS FIBRE</u>
	<u>ASBESTOS FIBRES</u> <u>>5 MICRONS IN LENGTH/ML. AIR</u>
1. BESIDE OPERATOR SPRAYING WET MATERIAL.	2
2. BESIDE MIXER (CHARGING CYCLE).	3
3. BACKGROUND, MIXER OPERATOR'S STATION (NO OPERATION).	<1
4. MIXER OPERATOR'S STATION, CHARGING MIXER.	5

THE PRESENT THRESHOLD LIMIT VALUE FOR ASBESTOS FIBRE IS 5 FIBRES >5
MICRONS IN LENGTH/ML. OF AIR.

COMMENTS:

THE SPRAYING OPERATION WAS BEING CARRIED OUT IN THE CORRIDOR OF THE SCHOOL. THE
WALLS AND OPENING WERE DRAPED WITH POLY-ETHYLENE SHEETS.

THE MIXER WAS LOCATED IN AN OPEN ROOM TO ONE SIDE OF THE CORRIDOR. THE OUTSIDE
WALL OF THIS ROOM HAD NOT BEEN COMPLETED.

A MASK WAS WORN BY THE OPERATOR SPRAYING THE MATERIAL BUT NOT BY THE EMPLOYEE
OPERATING THE MIXER.

L. Buelovsky
L. BUELOVSKY

C. Rhodes
C. RHODES

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