

FILE NAME: Johns-Manville (JMA)

DATE: 0000

DOC#: JMA506

DOCUMENT DESCRIPTION: J-M Insulating Cement Safety Data Sheet

REGISTERED
OTTAWA, ONTARIO

FOR
POLLUTION CONTROL

MATERIAL

Johns-Manville #302 Insulating Cement

VENDOR

Canadian Johns-Manville Co. Ltd.
565 Lakeshore Rd. E.
Port Credit, Ontario, Canada

1. Is the material supplied Bio-degradable? No

2. What chemicals, if any, are toxic to the bacteria and other micro-organisms in a municipal treatment plant? None known

3. Total acidity or alkalinity (pH),

(a) Hydroxide 10.3

(b) Carbonate

(c) Bi-carbonate

etc. which one of above:

4. Colour - What is the appearance of the liquid after suspended solids have been removed? Material is the solid.

5. Does it contain any of the chemicals on the attached list, and if so, what quantities in

Percent by weight	Percent by weight	Percent by weight	Percent by weight
	<u>As listed</u>		<u>As listed</u>
Acid	None	Cyanides	None
Ammonia	< 0.03	Lead	< 0.003
Benzene	< 0.05	Manganese	0.05
Carbon	< 0.001	Mercury	< 0.001
Cerium	< 0.001	Nickel	0.00
Chromium	< 0.001	Phenols	None
Chlorinated biphenyls	None	Selenium	Unknown - probably
Cobalt	0.03	Thallium	< 0.005
Copper	< 0.001	Zinc	< 0.004
Cresols	None	Van	0.006
		Fluorine	0.004
		Sulphur	0.03

GENERAL MOTORS
OF CANADA LIMITED
OSHAWA, ONT.

CONFIDENTIAL DATA SHEET
FOR
HAZARDOUS MATERIAL COMMITTEE

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1. Is material poisonous? If yes, describe likely harm and absorption route (skin, lungs, intestinal tract, etc.) and provide threshold limits. Material contains chrysotile asbestos fibre and flux calcined diatomaceous earth, both of which are toxic by ingestion. Threshold limit value for asbestos - 12 fibers/ml - 5u in length or 2 million fibers per cubic foot. TLV for flux calcined DE containing cristobalite - use one-half the TLV calculated from the count or mass formula for quartz.
Formula "respirable" $\frac{250}{\sqrt{SiO_2} + 5}$ or $\frac{10 \text{ mg/M}^3}{\sqrt{SiO_2} + 2}$

2. Is material corrosive? If yes, state conditions and severity.

No

3. Is material flammable? What are its flash point and ignition temperature?

No

4. Is material explosive? What are the explosive limits?

No

5. What volatile products are given off at room temperature? Heating?

None

6. Smoke product might be formed if subjected to open flame or high temperatures.

Not Applicable

7. Does material react violently with other known materials? If yes, please explain.

No

8. What is the composition of your product? (approximate)

Chrysotile Asbestos Fibre and Flux-Calcined Diatomaceous Earth

9. What precautions do you recommend for the storage, handling, and use of your product? Spillage clean up? Disposal? Personal protective equipment? Hygienic practices? First Aid Treatment?

Avoid breathing excessive dust. Wet down material when dumping or mixing dry. Repair broken bags. Vacuum clean spillage and place waste into closed container. Maintain good housekeeping practices.

10. Is there any further information about your product which you feel should be known to us to insure its safe handling and to insure the safety and health of our employees? If yes, please explain.

See caution label on bag. If dust concentrations exceed threshold limit value, use Bureau of Mines Approved Respirators for pneumoconiosis-producing dusts.