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Project Number: 78-1161A

Submitted to: 3M Company
3M Center
St. Paul, Minnesota
55101

Material: 3M Company - T-2038CoC

Sample Received: 1/5/78 Study Initiated: 1/9/78 Study Completed: 1/23/78

Date of Report: 2/2/78

Test: Acute Oral Toxicity - Rats

Object of Test: To study the acute oral toxicity in rats of the subject material.

Procedure: One group of 5 male and 5 female albino rats of the Sherman-Wistar Strain weighing between 200 and 300 gm were employed in this study. The rats were deprived of food but not water for 24 hours prior to dosing. Each animal was weighed and placed in an isolation cage with sufficient ground experimental material mixed with oatmeal to achieve a 5.0 gm portion of experimental material. The rats were allowed to eat the mixture during the next 24 hours. All of the mixture was consumed in all cases. The cage bottoms were examined to be certain all experimental material had been eaten.

Following administration the animals were allowed food and water ad libitum for the 14 day observation period during which time the rats were observed for signs of toxicity and mortalities.

Results: See Table 1.

Conclusion: The subject material when studied in male and female albino rats has an acute oral LD₅₀ of greater than 5.0 gm/kg.

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Director

TABLE 1
Acute Oral Toxicity

Material: 3M Company - T-2038CoC, as directed.

Dosage Level gm/kg	Number of Animals Dosed	Mortalities Days														Total Dead 14 Days	Total Survived 14 Days	Initial Weight gm	Final Weight gm
		1	2	3	4	5	6	7	8	9	10	11	12	13	14				
5.0	5 males	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	4	200	240
5.0	5 females	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	210	245

The LD₅₀ is greater than 5.0 gm/kg.

There were no unusual behavioral signs noted.
Gross pathologic examination revealed nothing
remarkable.