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

Material: 3M Company - T-1585

Sample Received: August 25, 1976

Date of Report: September 16, 1976

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 & 5 female albino rats of the Sherman-Wistar Strain weighting 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 dosed by direct administration of the experimental material into the stomach by means of a syringe and dosing needle.

The sample was dosed as a 50% w/v suspension in water.

The following dosage level was administered:

1,000 mg/kg.

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 LD_{50} of less than 1,000 mg/kg.

Karl L. Gabriel

Karl L. Gabriel, V.M.D., Ph.D.
Director

Exhibit
1132
State of Minnesota v. 3M Co.,
Court File No. 27-CV-10-28862

3M_MN01688827

TABLE 1

Acute Oral Toxicity

Material: 3M Company - T-1585, as a 50% w/v suspension in water.

Dosage Level mg/kg	Number of Animals Dosed	Mortalities Days 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total Dead 14 Days	Total Survived 14 Days
1,000	5 males	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2
1,000	5 females	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1

The LD_{50} is less than 1,000 mg/kg.

The gastric mucosa was eroded.

The animals exhibited signs of writhing at times.

	Initial Weight gm	Final Weight gm
Males	240	250
Females	220	220