



DuPont Air Products NanoMaterials LLC

RECEIVED
OPPT/CDIC

08 MAR -6 AM 6:03

February 27, 2008

Via Federal Express

Document Processing Center (Mail Code 7407M)
Room 6428
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, DC 20004



Company Sanitized

Dear 8(e) Coordinator:

[CBI]

This letter is to inform you of the results of a recently conducted acute oral toxicity study in rats with the above referenced test material.

A single dose of the test substance was administered by oral gavage to 1 fasted female rat each at a dose of 175 or 550 mg/kg, to 3 fasted female rats at a dose of 1750 mg/kg, and to 3 fasted female rats at a dose of 5000 mg/kg. The rats were dosed one at a time at a minimum of 48-hour intervals. The rats were observed for mortality, body weight effects, and clinical signs for up to 14 days after dosing. All rats were necropsied to detect grossly observable evidence of organ or tissue damage.

Death occurred on the day of dosing in all 3 rats dosed at 5000 mg/kg. Tremors were observed on the day of dosing in one rat dosed at 5000 mg/kg. This rat was found dead on the day of dosing. Another rat dosed at 5000 mg/kg exhibited salivation and tremors and was found dead on the day of dosing. One rat dosed at 1750 mg/kg exhibited abnormal gait and ataxia up to the day after dosing. Another rat dosed at 1750 mg/kg exhibited lethargy and tremors up to 2 days after dosing. The estimated oral LD₅₀ was 3129 mg/kg for female rats.

Sincerely,

Carolyn W. Wilkerson
DuPont Electronic Technology
Sr. Environmental Technician/TSCA Coordinator
(757) 686-8663
Carolyn.W.Wilkerson@usa.dupont.com



310236



DuPont Air Products NanoMaterials L.L.C.

Composition:

Amorphous Silica
Proprietary Additive
Water

7631-86-9

10-15%

1-5%

7732-18-5

60-100%

Amorphous Silica
Water

7631-86-9

10-15%

7732-18-5

>60%

CBI

CBI