

DOW CORNING

July 26, 2007

Document Control Office (7407)
TSCA Data Processing Center - CBIC
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
Room 6428
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RECEIVED
EPA CBIC

2007 JUL 30 11:30

MR# 306159

CONTAIN NO CBI

Attn: TSCA Docket Clerk

Re: For Your Information Submission:

The enclosed information is submitted on behalf of Dow Corning Corporation, Midland, Michigan, 48686-0994, on a For-Your-Information (FYI) basis as a follow-up to submissions made concerning hexamethyldisiloxane (HMDS), which chemical substance was the subject of a health and safety data rule issued under Section 8(d) of the Toxic Substances Control Act (TSCA) and with an effective date of June 14, 1993 (sunset date June 30, 1998), as codified at 40 CFR 716 (Health and Safety Data Reporting). The information presented in this submission was generated as part of our Siloxane Research Program. This program was the subject of a memorandum of understanding, dated April 9, 1996, between Dow Corning and EPA.

Listed Chemical Substance:

107-46-0 Hexamethyldisiloxane (HMDS)



Final Study Report:

Immunotoxicity Assessment of Hexamethyldisiloxane (HMDS) Following a 28-Day Continuous Whole-Body Inhalation Exposure in Fischer 344 Rats

Dow Corning Corporation
1999-I0000-47623
September 28, 1999



Manufacturer:

Dow Corning Corporation
PO Box 994
2200 West Salzburg Road
Midland, Michigan 48686-0994

For purposes of this TSCA For-Your-Information (FYI) submission, the general INTERNAL designation on the attached health and safety report is waived by Dow Corning.

If you require further information regarding this submission, please contact Michael Thelen, Manager of U.S. EPA Regulatory Affairs, at 989-496-4168 or at the address provided herein.

Sincerely,

A handwritten signature in cursive script that reads "Kathleen P. Plotzke". The signature is written in black ink and is positioned above the printed name and title.

Kathleen P. Plotzke
Director, Health and Environmental Sciences
(989) 496-8046

Report No.: 1999-10000-47623

Title: Immunotoxicity Assessment of Hexamethyldisiloxane (HMDS) Following a 28-Day Continuous Whole-Body Inhalation Exposure in Fischer 344 Rats

DCC Study No.: 9027

External Testing Facility No.: L08710-1

Test Substance: Hexamethyldisiloxane (Dow Corning® OS-10)

Study Director: Robert L. Sherwood, Ph.D.

Authors: Robert L. Sherwood, Ph.D., Study Director
Narayanan Rajendran, Ph.D., Science Advisor

Sponsor: Dow Corning Corporation
2200 West Salzburg Road
Midland, MI 48640

Sponsor's Representative: Leigh Ann Burns Naas, Ph.D., D.A.B.T.

Testing Facility: IIT Research Institute
10 West 35th Street
Chicago, IL 60616-3799

Study Completion Date: September 28, 1999

Security Statement: Dow Corning INTERNAL - This report may be reproduced and shared with any Dow Corning employee. Distribution outside the corporation must be approved by the Director of H.E.S. When this INTERNAL report is no longer needed, it may be placed in office waste baskets for destruction.



COMMITMENT TO EXCELLENCE