

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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November 10, 1998

TO: File for tetraphenylhexamethyltetrasiloxane (CAS# 6904-66-1)

FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division

SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for tetraphenylhexamethyltetrasiloxane has been changed from 0.04  $\mu\text{g}/\text{m}^3$  to 0.1  $\mu\text{g}/\text{m}^3$  based on annual averaging time.

The change in the ITSL was made due to a revision in the State's air toxic rules which became effective on November 10, 1998. Previously, the ITSL had been set pursuant to Rule 232 (i). This rule sets the ITSL at a default value of 0.04  $\mu\text{g}/\text{m}^3$  (annual average) when no specific data are available to determine an ITSL. The November 10, 1998 revisions to the rules changed this default ITSL to a value of 0.1  $\mu\text{g}/\text{m}^3$ .

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04  $\mu\text{g}/\text{m}^3$ , to determine if new data are available for this compound.

CAS: SLB

**MICHIGAN DEPARTMENT OF NATURAL RESOURCES**

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INTEROFFICE COMMUNICATION

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December 17, 1993

TO: File for Tetraphenylhexamethyltetrasiloxane (6904-66-1)  
FROM: Marco Bianchi  
SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for tetraphenylhexamethyltetrasiloxane is 0.04  $\mu\text{g}/\text{m}^3$  based on an annual averaging time.

The following references or databases were searched to identify data to determine the ITSL: IRIS, HEAST, NTP Management Status Report, RTECS, EPB-CCD, EPB library, CAS-online, NLM-online, IARC, NIOSH Pocket Guide, and ACGIH Guide.

A review of the above databases provided no information to derive an ITSL for tetraphenylhexamethyltetrasiloxane. Therefore, the ITSL is set at trace.

**The ITSL for tetraphenylhexamethyltetrasiloxane = 0.04  $\mu\text{g}/\text{m}^3$  based on annual averaging.**

MB : ma