

GAF CORPORATION

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JMA: 126-86

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TR 481



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May 12, 1986

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Contains No CBI

Ms. Roberta Wedge
Staff Scientist
Dynamac Corporation
The Dynamac Building
11140 Rockville Pike
Rockville, MD 20852

Dear Ms. Wedge:

As we discussed this morning, GAF Corporation is not a major force in the methylamine market. Specific to your questions, GAF's production data are presently available to the EPA and their authorized contractors. We do not have any toxicity data which should not already be readily available to you. Specifically, I suggest you review the Chemical Hazard Information Profile prepared on methylamines dated May 1, 1978. The CHIP reports the methylamines as lung, eye and upper respiratory tract irritants at concentrations of 20-100ppm.

Additionally, three subchronic studies on dimethylamine are reported showing relatively minor toxicological changes. This included an eight month guinea pig feeding study, a ninety day rat, guinea pig, rabbit, dog and monkey inhalation study and a third ninety day rat inhalation study. The Chemical Industry Institute of Toxicology, an industry sponsored research institute, of which GAF is a member, has conducted a two year inhalation toxicity study of dimethylamine in both Fisher rats and B6 C3 F1 mice. These reports are published and available from CIIT directly.

GAF does monitor the exposure of the limited number of employees involved with methylamines and finds the levels well below the ACGIH established TLV.

I hope this information proves useful in your review and would appreciate being kept informed on the progress of this project.

Sincerely yours,

GAF CORPORATION

Jay M. Ansell, Ph.D.
Manager, Product Safety Sciences

JMA:mds

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