

8EHQ-1196-13819

INTERNATIONAL ISOCYANATE INSTITUTE, INC.

201 Main Street, Suite 403 • La Crosse, WI 54601 • 608/796-0880 • FAX 608/796-0882

November 27, 1996



8EHQ-96-13819

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Document Processing Center (TS-790)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460
Attn: 8(e) Coordinator

Re: Phenyl Isocyanate
CAS Number 103-71-9

Contains No CBi

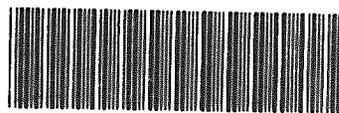
Dear Sir/Madam:

The following information is being submitted by the International Isocyanate Institute, Inc. (III) on behalf of its members (BASF Corporation, Bayer Corporation, Dow Chemical Company, ICI Polyurethanes Group, and Olin Corporation) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substance Control Act. The III, or its members, has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

Dr. M. Karol has conducted research sponsored by the National Institute of Environmental Health Science on phenyl isocyanate. She reports that the dose of phenyl isocyanate predicted to sensitize 50% of animals was 0.04 micromoles per kg of body weight and concludes that phenyl isocyanate is a potent chemical sensitizer. It is our understanding that the corresponding paper will be published in Toxicology Letters by January 1997 (authors: M.H. Karol and J.A. Kramarik, title: "Phenyl isocyanate is a potent chemical sensitizer").

Very truly yours,

M.J. Blankenship
Managing Director



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