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Submitting Organization	METHACRYLATE PRDCRS ASSN INC		
Contractor			
Document Title	INITIAL SUBMISSION: LETTER FROM METHACRYLATE PRDCRS ASSN INC TO USEPA REPORTING RESULTS OF UPTAKE, DISPOSITION AND NASAL TOXICITY STUDY IN RATS W/ETHYL METHACRYLATE, DATED 4/4/01		
Chemical Category	ETHYL METHACRYLATE		

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METHACRYLATE PRODUCERS ASSOCIATION, INC.

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April 4, 2001

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Attn: TSCA Section 8(e) Coordinator
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Washington, DC 20460

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Subject: TSCA 8(e) Submission – Ethyl Methacrylate (CAS No. 97-63-2)

Dear Sir/Madam:

The Methacrylate Producers Association, Inc. (MPA) is submitting results of an investigative study on the uptake, disposition and nasal toxicity in rats to the Environmental Protection Agency (EPA) pursuant to the Toxic Substances Control Act (TSCA) Section 8(e). The study provides information on ethyl methacrylate and does not involve effects in humans.

This submission is being made on behalf of the MPA member companies: CYRO Industries, ATOFINA Chemicals, Inc., Ineos Acrylics, Inc., and Rohm and Haas Company. Nothing in this letter is considered confidential business information of MPA or its members.

The uptake, disposition and nasal toxicity of ethyl methacrylate, as well as several other methacrylate esters, were examined in test groups of five rats at a dose level of 200 ppm. The nasal tissue of rats exposed to ethyl methacrylate showed slight to moderate degeneration of the olfactory epithelium lining the central septum and mid ethmo-turbinates. The effects were similar in appearance and distribution to those observed for methyl methacrylate (CAS No. 80-62-6). The respiratory mucosa throughout the nasal passages and the olfactory mucosa in regions adjacent to these areas were not affected by exposure to ethyl methacrylate.

While we do not believe that these findings represent a significant risk for humans, this is to our knowledge the first report of such effects in rats.

If you have any questions regarding this submission, please contact me at (703) 327-6276 or via e-mail at ehunt@loudoun.com.

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Sincerely,

Elizabeth K. Hunt / MCB

Elizabeth K. Hunt
Executive Director

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