

METHACRYLATE PRODUCERS ASSOCIATION, INC.

1350 Eye Street, N.W., Suite 200, Washington, DC 20005

Office: (202) 962-9400 • Facsimile: (202) 289-3565

RECEIVED
EPT NCIC

A

06 OCT -2 AM 9:06



BEHQ-96-13749

September 25, 1996
via messenger

Document Processing Center (TS-790)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

BEHQ 0996-13749

RECEIVED
EPT NCIC
96 SEP 26 AM 11:44

Re: Notice in accordance with TSCA Section 8(e) -Preliminary Results of Methacrylic Acid (CAS No. 79-41-4)

Dear Sir/Madam:

The Methacrylate Producers Association, Inc. (MPA) is submitting preliminary results from a DOT skin irritation test with methacrylic acid (MAA) in New Zealand rabbits. In previous studies, MAA has been demonstrated to be corrosive to the skin in a 4 hour protocol. This submission is being made in accordance with TSCA Section 8(e) to report corrosivity findings for MAA after a 3 minute exposure.

In the study, the undiluted test substance (0.5 ml) was applied topically to the shaved intact skin of two male rabbits. One rabbit was exposed for 4 hours, and the second rabbit was exposed on two separate sites for 1 hour and 3 minutes, respectively. The application sites were wiped with paper towels saturated with tap water and blotted dry with paper towels after each exposure.

Skin irritation was evaluated according to the Draize criteria at approximately 1, 24, 48, and 72 hours and at 7 and 14 days after patch removal. No mortality or clinical signs of systemic toxicity were observed during the study. Severe crythema was observed at 1 hour in both animals and persisted until day 14. A range of edema (very slight to severe) was observed at 1, 24, and 72 hours. Very slight edema was observed at all sites on days 7 and 14. Concave eschar was observed beginning on Day 7 in both rabbits; and a veterinary pathologist confirmed corrosive effects on Day 14.

MPA is currently evaluating the results of this study, specifically the possibility that residual material may have been present after the sites had been washed. MPA is currently planning to repeat this study to confirm these findings.

This submission is being made on behalf of the MPA member companies: CYRO Industries, Elf Atochem N.A., Inc., ICI Acrylics, Inc., and Rohm and Haas Company. If you have any questions about this submission, please contact me at (202) 962-9486.

Sincerely,

Elizabeth K. Hunt
Executive Director



88960000229

cc: MPA

CSRAD/CPT
5697
11/5