

U.S. Consumer Product Safety Commission

LOG OF MEETING

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SUBJECT: Antimony Trioxide (Upholstered Furniture)

DATE: July 26, 2007

TIME: 2:00 p.m. to 4:00 p.m.

PLACE: National Institutes of Environmental Health Sciences (NIEHS), Research Triangle Park, NC

ENTRY SOURCE: Michael A. Babich, HSHS

COMMISSION REPRESENTATIVE: Michael A. Babich, HSHS (participated by phone)

NATIONAL TOXICOLOGY PROGRAM REPRESENTATIVES: Attached

NON FEDERAL REPRESENTATIVES: Attached

SUMMARY:

In 2005, the CPSC staff nominated selected flame retardant (FR) chemicals, including antimony trioxide (ATO), for additional toxicity testing by the National Toxicology Program (NTP). The Commission recently issued new flammability requirements for mattresses and is considering flammability requirements for upholstered furniture. FR chemicals could be used to comply with flammability requirements.

This meeting was requested by the International Antimony Oxide Industry Association (IAOIA). The purpose of the meeting was to discuss the NTP plans for a 14-day inhalation study in Wistar rats and hybrid mice. Participants included representatives of the IAOIA and the NTP study design team. IAOIA representatives presented data on ATO. Matthew Stout, NTP, described the test plan. The presentations were followed by a general discussion. Following the completion of the 14-day study, NTP plans to perform a 90-day inhalation, 2-year inhalation, genotoxicity, reproductive, developmental, and cardiotoxicity studies. IAOIA estimated that consumer exposure to ATO in residences could be up to 1 microgram per cubic meter. Dr. Babich commented that this exposure level is sufficient to justify additional toxicity testing. IAOIA agreed to supply the study design team and CPSC staff with copies of recent studies on ATO. An agenda with a list of participants is attached.

NTP-IAOIA Meeting Agenda
July 26th, 2007
NIEHS East Campus Room 3162

- 2-2:15 Welcome from Dr. Bucher
 Introductions
- 2:20-3:20 IAOIA Presentation
 Current state of knowledge on the toxicity and carcinogenicity of AO
- 3:25-3:40 NTP Presentation
 NTP Research Program on AO
- 3:45-5:00 Discussion

NTP Attendees

John Bucher
Raj Chhabra
Matt Stout
Joe Roycroft
Paul Foster
Tom Burka
Scott Masten
Mike Sanders
June Dunnick
Kristine Witt
Cynthia Smith
Mark Cesta
Patrick Kirby
Dori Germolec

IAOIA Attendees

John Bieseimer
Rodger Battersby
Jim Deyo
Tessa Serex

CPSC Attendee (Phone)

Mike Babich