

**Agenda for JIFSAN Symposium – Asbestos in Talc  
November 28, 2018**

<i>Welcome, Introductory Remarks and Morning Moderator (Date/ 8:00-8:15 am)</i> <i>Catherine Sheehan</i>	
<b><i>Definitions and Mineral Fibers of Concern (Date/ 8:15-9:30 am)</i></b>	
<ul style="list-style-type: none"> <li>• Types of minerals of concern in talc</li> <li>• Chemistry and morphology of amphiboles and serpentines as impurities in talc</li> <li>• Characteristics of elongated mineral particles of concern in talc</li> <li>• Importance of mineral type and fiber dimensions</li> <li>• Definitions applicable to asbestos and asbestiform fibers</li> <li>• Terms and definitions used to describe amphibole and serpentine particles that may be observed in microscopic analysis of talc</li> <li>• Consideration of “asbestiform fibers” and “cleavage fragments”</li> </ul>	<b>Brad Van Gosen</b> <b>Gregory Meeker</b>
<b><i>Test Methods (Date/ 9:30 – 10:45 am)</i></b>	
<ul style="list-style-type: none"> <li>• Overview of current asbestos testing methodology</li> <li>• Limitations of X-ray diffraction (XRD), polarized light microscopy (PLM), and phase contrast microscopy (PCM)</li> <li>• Advantages of electron microscopy (EM) methods (SEM vs. TEM)</li> <li>• Methods of mineral identification</li> <li>• Applicability of reference materials</li> <li>• Development of qualified standards</li> </ul>	<b>Martin Rutstein</b> <b>Martin Harper</b>
<b>BREAK (10:45 to 11:00 am)</b>	
<b><i>Interpretation of Data Obtained From Microscopy Measurements (Date/ 11:00 am – 12:30 pm)</i></b>	
<ul style="list-style-type: none"> <li>• Considering Mass (wt. %) vs. number of particles</li> <li>• Importance of mineral type and fiber dimensions (width)</li> <li>• Size distributions vs. summation of particles meeting size criteria</li> <li>• Qualitative vs. quantitative analysis</li> <li>• Estimation of the number of respirable hazardous fibers</li> </ul>	<b>Brooke Mossman</b> <b>Ann Wylie</b>
<b>LUNCH (12:30 to 1:30 pm)</b>	

**Agenda for Symposium–Asbestos in Talc  
Concurrent Breakout Sessions (1:30 – 2:30 pm and 2:30 - 3:30 pm)\***

<b>Session A – Test methods for analysis of talc and mineral fibers in cosmetics</b>	
<b>Goal:</b> To establish concurrence on an analytical protocol for mineral fibers in cosmetics containing talc.	<b>Moderators:</b> <i>Robyn Ray</i> <i>Frank Ehrenfeld</i>
<b>Session B – Measurement criteria for identification and fiber counting</b>	
<b>Goal:</b> To establish concurrence on morphological criteria for identification of mineral fibers in the analysis of cosmetics containing talc. Use of reference standards will also be discussed.	<b>Moderators:</b> <i>Ann Wylie</i> <i>Art Langer</i>
<b>Session C – Interpretation of testing data</b>	
<b>Goal:</b> To establish concurrence on the interpretation of microscopy measurements for mineral fibers in cosmetics containing talc.	<b>Moderators:</b> <i>Brooke Mossman</i> <i>Matt Sanchez</i>
<b>BREAK (3:30 to 3:45 pm)</b>	
<b>Report Out by Session Moderators (3:45 - 4:30 pm)</b>	
<b>Discussion/Questions for Moderators? (4:30 - 5:00 pm)</b>	
<b>Closing Remarks and Next Steps C. Sheehan (5:00 - 5:15 pm)</b>	

**\*Sessions A, B, C will be repeated to allow each attendee to have a chance to participate in 2 of the 3 planned sessions.**