



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

September 15, 2021

John F. Fairbank
Chief Financial Officer
Aspen Aerogels Inc.
30 Forbes Road, Building B
Northborough, Massachusetts 01532

Re: Aspen Aerogels Inc
Registration Statement on Form S-3
Filed September 10, 2021
File No. 333-259449

Dear Mr. Fairbank:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Jacqueline Kaufman at 202-551-3797 with any questions.

Sincerely,

Division of Corporation Finance
Office of Trade & Services