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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

January 27, 2017

Aspen Aerogels, Inc.

(Exact name of registrant as specified in its charter)

Delaware

001-36481

04-3559972

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

30 Forbes Road, Building B, Northborough,
Massachusetts

01532

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

(508) 691-1111

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 1.01 Entry into a Material Definitive Agreement.

On January 27, 2017, Aspen Aerogels, Inc. (the "Company") entered into a fourth amendment to the Amended and Restated Loan and Security Agreement with Silicon Valley Bank, which was previously effective from August 31, 2014 to January 29, 2017 (the "Credit Facility"). Pursuant to the present amendment (the "Amendment"), the Credit Facility's maturity date was extended to January 28, 2018 and certain of the Company's financial covenants and borrowing and cash management procedures were amended.

The summary of the Amendment is qualified in its entirety by reference to the full text of the Amendment, a copy of which will be attached as an exhibit to the Company's Quarterly Report on Form 10-Q for the period ending March 31, 2017.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: January 30, 2017

Aspen Aerogels, Inc.
By: /s/ John F. Fairbanks

Name: John F. Fairbanks

Title: Vice President, Chief
Financial
Officer and Treasurer