

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(b) OR (g) OF
THE
SECURITIES EXCHANGE ACT OF 1934**

PLYMOUTH INDUSTRIAL REIT, INC.

(Exact name of registrant as specified in its charter)

Maryland
(State of incorporation or organization)

27-5466153
(I.R.S. Employer Identification No.)

260 Franklin Street, 7th Floor
Boston, MA
(Address of principal executive offices)

02110
(Zip Code)

Securities to be registered pursuant to Section 12(B) of the Act:

| <u>Title of each class To be so registered</u> | <u>Name of each exchange on which each class is to be registered</u> |
|--|--|
| Common stock, \$0.01 par value per share | New York Stock Exchange |

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check in following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates:
N/A

Securities to be registered pursuant to Section 12(g) of the Act:
None

Item 1. Description of Registrant's Securities to be Registered.

The description of the common stock, \$0.01 par value per share ("Common Stock"), of Plymouth Industrial REIT, Inc. (the "Registrant"), included under the heading "Description of Common Stock" in the prospectus (the "Prospectus") forming part of the Registrant's Registration Statement on Form S-3 (File No. 333-226438), filed with the Securities and Exchange Commission on July 30, 2018, is incorporated herein by reference. In addition, the Prospectus and the information relating to the Registrant's common stock under the heading "Material Provisions of Maryland Law and of Our Charter and Bylaws" in the Prospectus shall be deemed incorporated herein by reference.

Item 2. Exhibits.

Not applicable.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

PLYMOUTH INDUSTRIAL REIT, INC.

Dale: February 24, 2020

By: /s/ Jeffrey E. Witherell
Jeffrey E. Witherell
Chief Executive Officer