UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 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) April 3, 2018

Masco Corporation

(Exact name of Registrant as Specified in Charter)

1-5794

38-1794485

(IRS Employer

Delaware

(State or Other Jurisdiction

(Commission File Number) of Incorporation) Identification No.) 17450 College Parkway, Livonia, Michigan **48152** (Address of Principal Executive Offices) (Zip Code) (313) 274-7400 Registrant's telephone number, including area code 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)

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

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))

☐ Emerging growth company If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \square

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangement of Certain Officers.

On April 2, 2018, Christopher K. Kastner provided notice that he will resign from his position as Masco Corporation's Vice President, Masco Operating System, effective as of the close of business on April 20, 2018.

SIGNATURE

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 thereunto duly authorized.

MASCO CORPORATION

By: /s/ John G. Sznewajs

Name: John G. Sznewajs

Title: Vice President, Chief Financial Officer

April 3, 2018