

Gildan Activewear Inc.  
Form 6-K  
December 31, 2012

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

Form 6-K

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934

For the month of: December 2012

Commission File Number:

1-14830

GILDAN ACTIVEWEAR INC.  
(Translation of Registrant's name into English)

600 de Maisonneuve Boulevard West  
33rd Floor  
Montréal, Québec  
Canada H3A 3J2  
(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F

Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes

No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

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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, thereunto duly authorized.

GILDAN ACTIVEWEAR INC.

Date: December 31, 2012 By: /s/ Lindsay Matthews  
Name: Lindsay Matthews  
Title: Vice-President, General Counsel and  
Corporate Secretary

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EXHIBIT INDEX

| Exhibit | Description of Exhibit |
|---------|------------------------|
| 99.1    | NYSE Letter            |