

Gildan Activewear Inc.  
Form 6-K  
December 21, 2009

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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 2009** 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  Q

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  Q

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 21, 2009

By: /s/ Lindsay Matthews  
Name:

Lindsay Matthews  
Title:

Director, Legal Services and Corporate Secretary

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EXHIBIT INDEX

Exhibit	Description of Exhibit
<u>99.1</u>	<u>Annual Report for the 2009 fiscal year.</u>

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