GSI GROUP INC Form SC 13D/A March 03, 2010

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

SCHEDULE 13D/A Under the Securities Exchange Act of 1934

(Amendment No. 2)

GSI Group Inc.

\_\_\_\_\_

(Name of Issuer)

Common Stock, no par value

-----

(Title of Class of Securities)

36229U102

-----

(CUSIP Number)

Tennenbaum Capital Partners, LLC 2951 28th Street, Suite 1000 Santa Monica, California 90405 (310) 566-1000

(Many and discount of male shows Many of the Company of the control of the province of the control of the contr

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

February 26, 2010

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box [ ].

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

(Continued on following pages)
 (Page 1 of 4 Pages)

<sup>\*</sup> The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 36	 229U102 	SCHEDULE 13D/A	Page 2 of 4 Pages
1	NAME OF REP	ORTING PERSON	
	Tennenbaum C	apital Partners, LLC (1)	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)  _  (b)  X		
3	SEC USE ONLY		
4	SOURCE OF FUNDS		
	AF		
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)  _		
6	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware		
NUMBER OF	7	SOLE VOTING POWER	
SHARES		1,325,135 shares	
BENEFICIALLY	8	SHARED VOTING POWER	
OWNED		0	
BY EACH	9	SOLE DISPOSITIVE POWER	
REPORTING		1,325,135 shares	
PERSON	10	SHARED DISPOSITIVE POWER	
		0	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,325,135 shares		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  _		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11		
	2.8% (2)		
14	TYPE OF REPORTING PERSON IA, OO		

<sup>(1)</sup> Tennenbaum Capital Partners, LLC serves as investment advisor to, INTER ALIA, Special Value Opportunities Fund, LLC, a Delaware limited liability company ("SVOF"), Special Value Expansion Fund, LLC, a Delaware limited

liability company ("SVEF"), Special Value Continuation Partners, LP, a Delaware limited partnership ("SVCP"), and Tennenbaum Opportunities Partners V, LP, a Delaware limited partnership ("TOP V"), which are the registered holders of shares of Common Stock of GSI Group Inc. beneficially owned by Tennenbaum Capital Partners, LLC.

(2) Based on 47,591,899 shares of Common Stock of GSI Group Inc. outstanding as set forth by GSI Group Inc. in its Rule 424(b)(3) Prospectus filed with the Securities and Exchange Commission on October 23, 2008.

CUSIP No. 36229U102 SCHEDULE 13D/A Page 3 of 4 Pages

### ITEM 1. SECURITY AND ISSUER

This Amendment No. 2 (the "Amendment") amends the statement on Schedule 13D filed on July 9, 2009 (the "Original Schedule 13D", as amended hereby and by Amendment No. 1 filed on November 20, 2009, the "Schedule 13D") with respect to the common stock, no par value (the "Common Stock"), of GSI Group Inc., a company continued and existing under the laws of the Province of New Brunswick, Canada (the "Issuer"). Capitalized terms used herein and not otherwise defined in this Amendment have the meanings set forth in the Original Schedule 13D and Amendment No. 1. This Amendment amends Item 4 as set forth below.

#### ITEM 4. PURPOSE OF TRANSACTION

Item 4 of the Schedule 13D is hereby amended and supplemented by the addition of the following:

As previously disclosed, the Reporting Person continues to have discussions with the Issuer and other shareholders regarding the Reporting Person's investment and implementation of the Plan. In furtherance of this, the Reporting Person has entered into discussions with the Issuer and members of the Equity Committee regarding the Plan and possible modifications to the Plan, including, without limitation, exchanging the Notes for any combination of one or more of the following: new secured debt, notes convertible into common stock of the reorganized issues, preferred stock convertible into common stock of the reorganized issues, common stock of the reorganized issues, common stock of the reorganized issues and/or cash. The Reporting Person is unsure about the ultimate outcome of such discussions or the timing of coming to agreement.

CUSIP No. 36229U102 SCHEDULE 13D/A Page 4 of 4 Pages

## Signature

After reasonable inquiry and to the best of such Reporting Person's knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: March 3, 2010

TENNENBAUM CAPITAL PARTNERS, LLC, a Delaware limited liability company

By: /s/ Elizabeth Greenwood

Name: Elizabeth Greenwood

Title: General Counsel & Chief Compliance Officer