

Zatta Robert J
 Form 4
 July 19, 2011

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Zatta Robert J

(Last) (First) (Middle)

C/O ROCKWOOD HOLDINGS, INC., 100 OVERLOOK CENTER

(Street)

PRINCETON, NJ 08540

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Rockwood Holdings, Inc. [ROC]

3. Date of Earliest Transaction
 (Month/Day/Year)
 07/15/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP & CFO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock, par value \$0.01	07/15/2011		M		8,611 A \$ 14.61	103,720	D
Common Stock, par value \$0.01	07/15/2011		M		1,389 A \$ 14.61	105,109	D
Common Stock, par value \$0.01	07/15/2011		S		10,000 D \$ 57.25	95,109	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Options (right to buy)	\$ 14.61	07/15/2011		M	8,611	<u>(1)</u> 10/15/2014	Common Stock, par value \$0.01 per share	8,611
Stock Options (right to buy)	\$ 14.61	07/15/2011		M	1,389	<u>(2)</u> 10/15/2014	Common Stock, par value \$0.01 per share	1,389

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Zatta Robert J C/O ROCKWOOD HOLDINGS, INC. 100 OVERLOOK CENTER PRINCETON, NJ 08540			SVP & CFO	

Signatures

/s/ Robert J.
Zatta

07/19/2011

**Signature of
Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These performance-based options were granted on October 15, 2004 and vested 20% on December 31 of each year beginning with 2004 upon achievement of specified performance-based targets and expire on October 15, 2014. This transaction was executed pursuant to the terms of a trading plan under SEC Rule 10b5-1.

(2) These time-based options were granted on October 15, 2004 and vested 20% on each of the first five anniversaries of the grant date and expire on October 15, 2014. This transaction was executed pursuant to the terms of a trading plan under SEC Rule 10b5-1.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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