Zatta Robert J Form 4 January 22, 2013

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

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

1(b).

Form 5

obligations

may continue.

See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker of Symbol Rockwood Holdings, Inc

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

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

(Ctota)

ERLOOK CENTER

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

06/26/2012

2. Issuer Name **and** Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Rockwood Holdings, Inc. [ROC] (Check all applicable)

____ Director ____ 10% Owner __X_ Officer (give title ____ Other (specify below)

SVP & Chief Financial Officer

OMB APPROVAL

3235-0287

January 31,

2005

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OMB

Number:

Expires:

response...

Estimated average

burden hours per

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

PRINCETON, NJ 08540

(City)	(State)	(Zip) 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)	Code (Instr. 8)	4. Securit on(A) or Dia (Instr. 3, 4	sposed 4 and 3 (A) or	l of (D) 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)	
Common			Code V	Amount	(D)	Price				
Stock, par value \$0.01	06/26/2012		A	229 (1)	A	\$ 0	135,500	D		
Common Stock, par value \$0.01	08/17/2012		A	205 (1)	A	\$ 0	135,705	D		
Common Stock, par value \$0.01	11/29/2012		A	220 (1)	A	\$ 0	135,925	D		
Common Stock, par	12/31/2012		F	12,902 (2)	D	\$ 49.46	123,023	D		

value \$0.01

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

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SEC 1474 (9-02)

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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. Transa Code (Instr.		5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amor Unde Secur	le and ant of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

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 & Chief Financial Officer

Signatures

/s/ Robert J. 21/22/2013

**Signature of Date
Reporting Person

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) Represents dividend equivalent rights in connection with the Issuer's quarterly dividend and accrued to the reporting person on restricted stock units granted in December 2009.
- (2) Represents shares of common stock of the Issuer withheld to satisfy the reporting person's tax withholding obligation for restricted stock units granted in December 2009 and vested on December 31, 2012.

Reporting Owners 2

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