



DIVISION OF
CORPORATION FINANCE

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

January 30, 2014

Via E-mail

Robert J. Zatta
Senior Vice President and Chief Financial Officer
Rockwood Holdings, Inc.
100 Overlook Center
Princeton, New Jersey 08540

**Re: Rockwood Holdings, Inc.
Form 10-K for Fiscal Year Ended December 31, 2012
Filed February 25, 2013
Response dated December 13, 2013
File No. 1-32609**

Dear Mr. Zatta:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Terence O'Brien

Terence O'Brien
Accounting Branch Chief