

MOODY'S

INVESTORS SERVICE

Credit Opinion: Sibur Holding, PJSC

Global Credit Research - 28 Dec 2015

St. Petersburg, Russia

Ratings

Category	Moody's Rating
Outlook	Stable
Corporate Family Rating	Ba1
Sibur Securities Limited	
Outlook	Stable
Bkd Senior Unsecured	Ba1/LGD4

Contacts

Analyst	Phone
Ekaterina Botvinova/Moscow	7.495.228.6060
Denis Perevezentsev/Moscow	
Victoria Maisuradze/Moscow	

Key Indicators

[1]Sibur Holding, PJSC	6/30/2015(L)	12/31/2014	12/31/2013	12/31/2012	12/31/2011
Revenues (USD Billion)	\$7.8	\$9.6	\$8.5	\$8.7	\$7.8
PP&E (net) (USD Billion)	\$6.5	\$5.8	\$9.4	\$7.1	\$4.9
EBITDA Margin %	22.4%	22.0%	27.7%	31.7%	39.3%
ROA - EBIT / Average Assets	7.1%	8.3%	13.8%	20.1%	26.3%
Debt / EBITDA	3.8x	4.1x	2.0x	1.4x	1.1x
EBITDA / Interest Expense	6.6x	9.4x	12.0x	19.6x	19.2x
Retained Cash Flow / Debt	31.2%	27.8%	36.3%	33.2%	82.6%

[1] All ratios are based on 'Adjusted' financial data and incorporate Moody's Global Standard Adjustments for Non-Financial Corporations. Source: Moody's Financial Metrics

Note: For definitions of Moody's most common ratio terms please see the accompanying [User's Guide](#).

Opinion

Rating Drivers

- Exposures to volatile petrochemical industry and continued weakness of Russia's economy
- Sizeable competitive exports and domestic leadership
- Sustainable profitability above that of its global peers
- Financial profile's ability to withstand pressure from a large investment project

Corporate Profile

Sibur Holding, PJSC (Sibur) is a Russian vertically integrated gas processing and petrochemicals company. On 17 December 2015, China Petroleum and Chemical Corporation (Sinopec; Aa3, stable) acquired a 10% stake in Sibur as a strategic investor. Prior to the transaction, Mr. Mikhelson was the major shareholder, with 50.2% of the company's shares, followed by Mr. Shamalov (21.3%) and Mr. Timchenko (15.3%). The company's current and former management held the remaining 13.2%. In the 12 months to June 2015, Sibur generated revenue of \$7.8 billion and adjusted EBIT of \$1 billion.

SUMMARY RATING RATIONALE

Sibur's Ba1 corporate family rating (CFR) is constrained by (1) Sibur's susceptibility to risks inherent to the petrochemical industry, heightened by Sibur's moderate size compared to that of its global peers; (2) exposure to continued weakness of the Russian economy; and (3) the risk of decreasing capital expenditure (capex) flexibility at the later stages of the implementation of the ZapSibNeftekhim project. Despite having a high volume of exports, Sibur remains exposed to Russia's macroeconomic environment, given that all of the company's production facilities are located in Russia.

More positively, Sibur's CFR reflects our view that Sibur will materially deleverage to about 2.0x debt/EBITDA over the next 18-24 months. Our view factors in (1) Sibur's export potential and position as a leading petrochemicals business in Russia; (2) long-term contractual access to attractively priced feedstock, which translates into low costs and secures high margins through the cycle; the weak rouble leverages the low cost; (3) flexibility regarding the implementation of the ZapSibNeftekhim project; and (4) Sibur's commitment to a conservative financial policy.

DETAILED RATING CONSIDERATIONS

COMPETITIVE EXPORTS MITIGATE EXPOSURES TO VOLATILE PETROCHEMICAL INDUSTRY AND RUSSIA'S WEAK ECONOMY

Sibur is exposed to the inherent risks of the petrochemical industry, price volatility and demand cyclicality. Our outlook for the North American and EMEA chemical industry through 2016 remains stable on the back of a projected 3.0% growth of global GDP, lower oil prices and stabilisation of exchange rates; declines at commodity businesses in the industry will offset improvements at higher value-added producers. At the same time, we expect that demand growth will be sluggish in Europe and below historical norms in Asia, which are major exports markets for Sibur, accounting respectively for 61% and 20% of Sibur's export revenue. In this environment, the company's performance will depend on the product mix. We expect that the pricing environment for Sibur's petrochemicals will range from marginally weak to stable in 2016, excluding synthetic rubbers, which have continuously faced weak prices. We consider Sibur's exposure to the weak domestic market to be manageable within the current rating level, given that (1) the company generates half of its total revenue from exports and has a leading position in the domestic market; and (2) domestic sales are essentially linked to international benchmark prices for the majority of products.

Sibur's credit profile is likely to be stronger in this environment than those of some of its domestic and global peers because of its diversification into the feedstock and energy segment and its access to attractively priced feedstock. This access is advantageous even amid low oil and gas prices. The energy and feedstock segment, which is not dependent on the cyclicality of the petrochemical industry, generates about 57% of Sibur's reported unadjusted EBITDA, delivers relatively high margins despite low oil prices, reflecting attractively priced feedstock, and, in turn, ensures a low cost base for the company's petrochemicals business. The weak rouble additionally supports Sibur's export competitiveness, given the company's largely rouble-denominated operating costs, and mitigates the negative impact of lower oil prices on the company's energy business. As a result, we forecast that Sibur's total revenue in roubles will grow steadily in the mid-single digit range annually in 2016-17, driven by an increase of export sales on the back of launch of new capacities under the completed investment programme, supported by the weak rouble.

LEADING PRODUCER OF ENERGY PRODUCTS AND PETROCHEMICALS IN RUSSIA

Sibur is a leading producer of energy products and petrochemicals in Russia, which makes its business more robust to the vulnerability of the Russian operating environment compared with its domestic peers.

In 2014, Sibur accounted for 54% of the associated petroleum gas (APG) processing and 36% of the liquefied petroleum gases (LPG) production in Russia, and was the third-largest domestic supplier of natural gas (in volume terms) after Gazprom (Ba1 stable) and Novatek (Ba1 stable), according to the Central Dispatching Department of the Fuel Energy Complex. In 2014, Sibur increased its share in the domestic APG following the increase of its

stake to 100% from 51% in Yugragazpererabotka (YGPP), a joint venture with Rosneft International Holdings Ltd. (Ba1 stable), a subsidiary of Rosneft (Ba1 stable), engaged in the APG processing.

According to IHS, in 2014, Sibur's share in the domestic production capacity was 46% for monoethylene glycol, 53% for styrene-butadiene rubber, 35% for low-density polyethylene and 56% for polypropylene (including the production capacity of a joint venture with an affiliate of Gazprom Neft (Ba1 stable)). Once fully operational, Sibur's ZapSibNeftekhim facility (under construction) will make the company Russia's largest polyethylene producer and extend its domestic market leadership in polypropylene production.

PROFITABILITY SURPASSES ITS PEERS

Sibur's reported margins have remained broadly robust against a background of high volatility in petrochemicals prices and, more importantly, declining oil and gas prices, which weigh on prices for energy products. Sibur's integrated business model combines the energy and feedstock segment with the petrochemical segment. The combination allows the company to balance declines in the energy and feedstock segment by improvements in the petrochemical segment amid low oil and gas prices, and vice versa. Sibur's EBITDA margins, net of one-off developments, have remained at around 30% during the past five years, including in 2014, when the economic environment in Russia significantly weakened. The margins increased in H1 2015 to 35.6% (H1 2014: 32.4% net of naphtha trading) as a weaker rouble boosted the company's competitiveness, since its costs, which are low, are mainly in roubles, while prices for its products (except for natural gas) are indexed to foreign currency. Though the petrochemical segment expectedly outperformed the feedstock and energy segment in terms of margin growth in H1 2015 (31.4% versus H1 2014: 9.1%), the latter segment's margin remained high at 37.4% (H1 2014: 44.4%) and its contribution to EBITDA exceeded 50%.

We consider that the company's sustainable cost competitiveness and integrated business model will support the margins at a high level, above 25% despite increasing commodity price pressure.

Sibur's competitive cost position remains underpinned by its unique access to feedstock, i.e., low-cost APG and competitively priced natural gas liquids (NGL) in West Siberia. Long-term supply contracts with key suppliers and modern pipeline infrastructure reinforce these benefits, as does the weak rouble.

FINANCIAL PROFILE TO WITHSTAND PRESSURE OF LARGE INVESTMENT PROJECT

Sibur's ZapSibNeftekhim investment project aims to establish a new capacity to produce 1.5 million tons per annum of various grades of polyethylene and 500 ktpa of polypropylene, valued at \$9.5 billion as of September 2014. The project started in late 2014, and Sibur plans to complete the construction and launch the facility in 2020 and ramp up production through the following year. Once the facility becomes fully operational in 2021, ZapSibNeftekhim will almost triple Sibur's basic polymer production capacity to 3 million tonnes, increase revenue by 25%-30%, extend the company's product mix, and improve profitability. However, until the project starts generating cash flow in 2020, it will continue to exert significant pressure on Sibur's financial profile.

We view Sibur's 4.1x adjusted debt/EBITDA at end-2014 as temporary, owing to some one-off developments, including local currency shocks. However, in view of the recently raised \$1.75 billion from Russia's National Wealth Fund (NWF) to finance the ZapSibNeftekhim project, which cannot be drawn gradually, the company's total debt and hence its leverage will increase. As a result, the company's adjusted leverage -- as measured by adjusted debt/EBITDA -- may still slightly exceed 3.0x at end-2015, but should decline towards 2.0x over the next 12-24 months.

At the same time, we expect that the company's net debt coverage by retained cash flow will remain well above 20% in the next 12-24 months (H1 2015: 33.2%) on the back of strong cash flow generation. Sibur's competitive exports, sustainably high EBITDA margins, investment flexibility and conservative financial policy should mitigate both investment pressure and the challenging market environment, including weakening commodity prices and the recession in Russia.

Liquidity

Sibur has an adequate liquidity profile. Over the next 18 months through March 2017, we expect that Sibur will continue to generate strong operating cash flows of \$2.7 billion, which together with cash balances of \$227 million at end-September 2015 and availabilities under long-term credit facilities for general needs, will be sufficient to meet its basic obligations (including debt maturities, maintenance capex and dividend payments) of \$2.1 billion.

Sibur recently raised \$1.75 billion of project financing from the NWF, which provides additional support to Sibur's liquidity and practically completes all financing requirements for the ZapSibNeftekhim project. Other debt financing

for the project includes previously signed and largely undrawn credit facilities with international banks and the loan from the Russian Direct Investment Fund and its co-investors.

Rating Outlook

The stable outlook on Sibur's rating reflects our view that, despite the challenging market environment and investment pressure associated with the ZapSibNeftekhim project implementation, Sibur will be able to maintain its strong profitability and gradually deleverage.

What Could Change the Rating - Down

The rating could come under pressure if (1) Russia's operating environment deteriorates, resulting in a downgrade of the sovereign rating, or a lowering of the sovereign ceiling; (2) Sibur's EBITDA margins decline to materially below 25% and/or the company is unable to deleverage towards around 2.0x debt/EBITDA over the next 18-24 months and maintain RCF/net debt at above 20%; and/or (3) Sibur's liquidity deteriorates.

What Could Change the Rating - Up

Upward pressure on Sibur's rating is unlikely at present, given the on-going significant investment project and the fact that the company's rating is at the same level as Russia's sovereign rating.

Other Considerations

We consider Sibur's rating in the context of the key rating drivers cited in our "Global Chemical Industry" rating methodology, published in December 2013. Based on Sibur's historical metrics, the methodology's grid-indicated rating maps to a level two notches above the current rating, reflecting Russia's country risk. The gap may even increase by one notch over the next 12-18 months, as Sibur will likely strengthen its financial metrics based on its low cost base and export competitiveness.

Rating Factors

Sibur Holding, PJSC

Chemical Industry Grid [1][2]	Current LTM 6/30/2015		[3]Moody's 12-18 Month Forward ViewAs of 12/28/2015	
Factor 1 : Scale (20%)	Measure	Score	Measure	Score
a) Revenues (USD Billion)	\$7.8	Baa	\$7 - \$7.3	Baa
b) PP&E (net) (USD Billion)	\$6.5	Baa	\$6.8 - \$7	Baa
Factor 2 : Business Profile (20%)				
a) Business Profile	Baa	Baa	Baa	Baa
Factor 3 : Profitability (10%)				
a) EBITDA Margin %	22.4%	Baa	25%	A
b) ROA - EBIT / Average Assets	7.1%	Ba	13%	A
Factor 4 : Leverage & Coverage (30%)				
a) Debt / EBITDA	3.8x	Ba	2.5x	Baa
b) EBITDA / Interest Expense	6.6x	Ba	10x - 12x	Baa
c) Retained Cash Flow / Debt	31.2%	A	33% - 35%	A
Factor 5 : Financial Policy (20%)				
a) Financial Policy	Baa	Baa	Baa	Baa
Rating:				
a) Indicated Rating from Grid		Baa2		Baa1
b) Actual Rating Assigned				Ba1

[1] All ratios are based on 'Adjusted' financial data and incorporate Moody's Global Standard Adjustments for Non-Financial Corporations. [2] As of 6/30/2015(L); Source: Moody's Financial Metrics [3] This represents Moody's forward view; not the view of the issuer; and unless noted in the text, does not incorporate significant acquisitions and divestitures.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on <http://www.moody's.com> for the most updated credit rating action information and rating history.



© 2015 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND ITS RATINGS AFFILIATES ("MIS") ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND CREDIT RATINGS AND RESEARCH PUBLICATIONS PUBLISHED BY MOODY'S ("MOODY'S PUBLICATIONS") MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL, FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY'S OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. CREDIT RATINGS AND MOODY'S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY'S PUBLICATIONS COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS AND PUBLISHES MOODY'S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS FOR RETAIL INVESTORS TO CONSIDER MOODY'S CREDIT RATINGS OR MOODY'S PUBLICATIONS IN MAKING ANY INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing

the Moody's Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY SUCH RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any rating, agreed to pay to Moody's Investors Service, Inc. for appraisal and rating services rendered by it fees ranging from \$1,500 to approximately \$2,500,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moody's.com under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

For Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail clients. It would be dangerous for "retail clients" to make any investment decision based on MOODY'S credit rating. If in doubt you should contact your financial or other professional adviser.

For Japan only: MOODY'S Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of MOODY'S Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any rating, agreed to pay to MJKK or MSFJ (as applicable) for appraisal and rating services rendered by it fees ranging from JPY200,000 to approximately JPY350,000,000. MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.