

## Effect of catalysts on the combustion of heterogeneous condensed systems

© Vladimir A. Arkhipov,<sup>1,2</sup> Tatiana I. Gorbenko,<sup>3</sup>  
Aleksander S. Zhukov,<sup>3</sup> and Aleksey V. Pesterev<sup>3</sup>

<sup>1</sup> Research Institute of Applied Mathematics and Mechanics of Tomsk State University.

Lenin St., 36. Tomsk, 634050. Russia. Phone: +7 (3822) 52-96-56. E-mail [leva@niipmm.tsu.ru](mailto:leva@niipmm.tsu.ru)

<sup>2</sup> Institute for Problems of Chemical and Energetic Technologies Siberian Branch of RAS. Biysk, Russia.

Socialistichiskay St., 1. Biisk, 659322. Russia. Phone: +7 (3854) 30-14-43. E-mail: [ipcet@mail.ru](mailto:ipcet@mail.ru)

<sup>3</sup> Department of Applied Gas Dynamics and Combustion. Tomsk State University.

Lenin St., 36. Tomsk, 634050. Russia. Phone: +7 (3822) 52-84-01. E-mail: [gorbenkoti@rambler.ru](mailto:gorbenkoti@rambler.ru)

\*Supervising author; †Corresponding author

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### Abstract

Experimental results on the burning rate at atmospheric pressure of the heterogeneous condensed systems containing catalyst additives – silicon dioxide and tin chloride – are presented. Obtained data on the effect of these catalysts on the condensed systems burning rate and slag content in the combustion products, depending on the type of binder, oxidizer, and the dispersity of aluminum powder were analyzed.