Full Paper	Thematic Section: Electrochemistry.
Registration Code of Publication: 11-26-10-50	Subsection: Composite Materials

Publication is available for discussion in the Internet as a material of "All-Russian Working

Chemical Conference "Butlerov's Heritage-2011". http://butlerov.com/bh-2011/

Contributed to editorial board: June 17, 2011

## The use of suspensions and industrial waste of fluoroplastics at anodic coating of aluminium

© Sophia L. Fuks, 1\* Alexey A. Mikhalitsyn, Sergey V. Khitrin, Elena A. Selezneva, and Vladimir Yu. Filativ<sup>2</sup>

<sup>1</sup> Department of Biosphere Protection Technology. Vyatka State University.

Moskovskaya St., 36. Kirov, 610000. Kirov region. Russia.

Phone: +7 (8332) 64-08-76. E-mail: fox@vgu.ru

<sup>2</sup> Kirov-Chepetsk Industrial Complex Named After B.P. Konstantinov. Polymer Plant.

Pozarniy St., 7. Kirov-Chepetsk, 613040. Kirov Region. Russia. Phone: +7 (8336) 19-44-05.

**Keywords:** fluoroplastics including wastes, anodic coating of aluminium, electrochemical composite non-stick and anti-friction coating.

## **Abstract**

Possibilities for processing the waste products of fluoroplastics production for obtaining composite electrochemical coating (CEC) of aluminium oxide – fluoroplastic have been discussed.

<sup>\*</sup>Supervising author; \*Corresponding author