

Method for obtaining fire-retardant silica-containing composition for cellulose-based materials based on liquid glass, in which aqueous solutions of liquid glass ($\text{Na}_2\text{O} \cdot 2.5\text{SiO}_2$) and acetic acid (CH_3COOH) are mixed in the following mass percentage ratio, wt. %:

$\text{Na}_2\text{O} \cdot 2.5\text{SiO}_2$	4-5
CH_3COOH	6-7
H_2O	89-90.