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# ABSTRACT

## INK, PRODUCTION METHOD OF THE SAME, MATERIALS FOR PRODUCING THE SAME AND PRINTED MATTER WITH THE SAME

An ink is provided which meets the purpose of concurrently resolving the drawback <1>, drawback <2> and drawback <3>.

An ink is provided which comprises 100 parts by weight of an aluminum flake containing aluminum flakes of 0.5  $\mu\text{m}$  or less, more preferably 0.3  $\mu\text{m}$  or less, in thickness and 20  $\mu\text{m}^2$  to 2,000  $\mu\text{m}^2$  in flake area in a content of 75 % or more, 3 to 200 parts by weight of a binding agent, and 600 to 4,000 parts by weight of a solvent, wherein the solvent is the one containing 20 wt% or more of 3-methyl-3-methoxy-1-butanol (MMB). Herewith, the working environment is remarkably improved even in operation with ordinary facilities (resolution of drawback <1>). Neither the gradual generation of the printing unevenness nor the gradual degradation of the specular gloss appearance caused by the printing unevenness occurs even for a large number of printed sheets (resolution of drawback <2>). No remarkable degradation of the specular gloss appearance is found when printing has been made on the backside of a transparent polycarbonate substrate and viewing is made from the front surface side of the substrate (resolution of drawback <3>).

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