

ABSTRACT

Provided is a surface-protective coating composition capable of forming a surface-protective coating film in which the occurrence of cracks is suppressed during the formation of the coating film, while using a polymer having marine biodegradability. Also provided are: a surface-protective coating film formed from the surface-protective coating composition; a substrate with a surface-protective coating film, which is coated with the surface-protective coating film, and a method of producing the same; and a surface protection method using the surface-protective coating film. The surface-protective coating composition according to the present invention contains a polycaprolactone-based polymer (A) and a zinc oxide (B), wherein the polycaprolactone-based polymer (A) has an acid value of 5 mgKOH/g or more and 200 mgKOH/g or less, and a structural unit derived from caprolactone in the polycaprolactone-based polymer (A) has a content of 50% by mass or more and 99.5% by mass or less.