

## Title (en)

ORGANOPOLYSILOXANE COMPOSITIONS WITH MICROBICIDAL ACTIVITY THAT CAN BE STORED IN THE ABSENCE OF WATER

## Publication

**EP 0000892 B1 19810318 (DE)**

## Application

**EP 78100604 A 19780807**

## Priority

DE 2737405 A 19770819

## Abstract (en)

[origin: ES472671A1] An organopolysiloxane composition having a microbiocidal action comprising an alpha , omega - dihydroxypolydiorganosiloxane and a benzimidazolyl-alkyl-carbamate of the formula < IMAGE > wherein R1 is an alkyl radical with 1 to 4 carbon atoms, optionally substituted by the radical -OR3, R3 is an alkyl radical with 1 to 4 carbon atoms or the phenyl radical, and R2 is hydrogen, an alkyl radical with 1 to 4 carbon atoms, halogen or nitro. Advantageously the carbamate is methylbenzimidazolylmethyl-carbamate, N-(fluorodichloromethylthio)-phthalimide, is present as a synergistic fungicide and the composition further comprises a silicon-containing crosslinking agent for the siloxane, a heavy metal salt or amino accellerant for crosslinking and an alpha , omega -bis-(trimethylsiloxy)-polydimethylsiloxane. Water per se or in atmospheric air cures the composition to a rubber elastic product resistant to microbes.

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