

## eBook Information

# Phosphate Coatings Suitable for Personal Protective Equipment

Diana Petronela BURDUHOS-NERGIS,  
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Monograph / PDF eBook DRM Free

Phosphate coatings can improve the corrosion resistance of carbon steel equipment such as carabiners.

*Keyword:* Safety Rings, Carabiners, Phosphate Coatings, Aluminum Alloys, Carbon Steels, Stainless Steels, Structural Characterization, Mechanical Characterization, Corrosion Resistance, Friction Coefficient, Temperature Shock, Mechanical Impact, Design of Carabiners, Coating Technology

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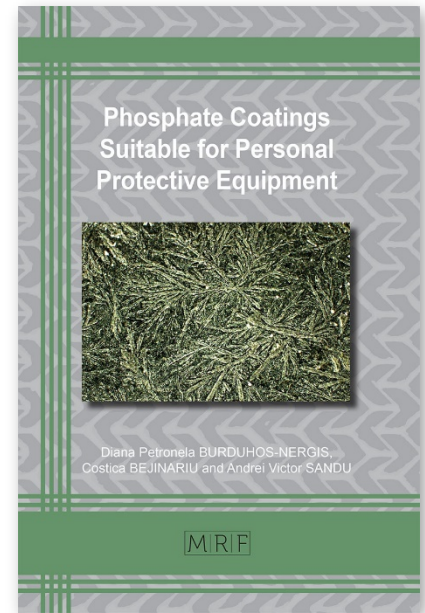
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## Summary:

Phosphate coatings can improve the corrosion resistance of carbon steel equipment such as carabiners. The specific porosity of the phosphate layer allows the deposition of an elastomer-based paint for absorbing mechanical shocks. The book is relevant for fundamental and applied research in the field of protective phosphate layers and their industrial applications. It also describes how to design and develop phosphating solutions that differ in the type and concentration of metal ions dissolved in phosphoric acid.



## Color Print Book Information

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Monograph / color print, paperback

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