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Nota di contenuto	Frontmatter -- Preface -- Contents -- Part I: Colloid and interface science in agrochemical formulations -- 1. Surfactants used in agrochemical formulations and their solution properties -- 2. Emulsion concentrates (EWs) -- 3. Suspension concentrates (SCs) -- 4. Suspoemulsions -- 5. Oil-based suspension concentrates -- 6. Microemulsions in agrochemicals -- 7. Controlled-release formulations -- 8. Interfacial aspects of agrochemical spray formulations -- Part II: Colloid and interface science in paints and coatings -- 9. General introduction -- 10. Emulsion, dispersion and suspension polymerization preparation of polymer colloids and their stabilization -- 11. Pigment dispersion and the role of surfactants in wetting -- 12. Breaking of aggregates and agglomerates (deagglomeration) and size reduction -- 13. Rheology of paint formulations -- Part III: Colloid and interface science in food colloids -- 14. Interaction between food-grade surfactants and water -- 15. Proteins as emulsifiers and their interaction with polysaccharides -- 16. Surfactant association structures, microemulsions and emulsions in food -- 17. Rheology of food emulsions -- 18. Food rheology and mouth feel -- Index
Sommario/riassunto	Volume 4 of the Handbook of Colloid and Interface Science is a survey into the applications of colloids in a variety of fields, based on theories presented in Volumes 1 and 2. The Handbook provides a complete understanding of how colloids and interfaces can be applied in

materials science, chemical engineering, and colloidal science. It is ideally suited as reference work for research scientists, universities, and industries.
