

# United States Patent [19]

Hoy et al.

[11] Patent Number: 4,814,382

[45] Date of Patent: Mar. 21, 1989

[54] SOLVENT BORNE HIGH SOLIDS COATING COMPOSITIONS

[75] Inventors: Kenneth L. Hoy, St. Albans; Forrest A. Richey, Jr., Charleston, both of W. Va.

[73] Assignee: Union Carbide Corporation, Danbury, Conn.

[21] Appl. No.: 916,324

[22] Filed: Oct. 7, 1986

[51] Int. Cl.<sup>4</sup> ..... C08L 29/02

[52] U.S. Cl. .... 525/113; 525/124; 525/131; 525/162; 525/328.8

[58] Field of Search ..... 525/328.8, 113, 124, 525/131, 162; 524/197

## [56] References Cited

### U.S. PATENT DOCUMENTS

4,417,022	11/1983	Chang	524/598
4,515,835	5/1985	Kuhn	525/328.8
4,520,167	5/1985	Blank	525/131

*Primary Examiner*—Patricia Short

*Attorney, Agent, or Firm*—Eugene C. Trsutlein

## [57] ABSTRACT

High solids coating composition comprising

- (a) at least one film-forming organic polymer,
- (b) at least one volatile organic compound,
- (c) at least one cross-linking agent, and
- (d) at least one reactive diluent comprising a surfactant-like carbamate, urea, and/or amide derivative having an HLB value of from about 8 to about 14.

5 Claims, No Drawings