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# United States Patent [19]

Ely et al.

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[54] **MASKING COMPOSITION FOR PROTECTING VEHICLE SURFACE FROM OVERSPRAY**

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[52] **U.S. Cl.** ..... **524/557**; 524/503; 524/388

[58] **Field of Search** ..... 524/557, 503, 524/388

[56] **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|---|---|---|---|
| 2,372,982 | 4/1945 | Richards et al. | 117/6 |
| 3,114,650 | 12/1963 | Oppenheim et al. | 117/6 |
| 3,201,274 | 8/1965 | Hobbs, Jr. | 117/128.4 |
| 3,202,554 | 8/1965 | Hornus | 148/22 |
| 3,696,498 | 10/1972 | Leontaritis et al. | 29/424 |
| 4,055,441 | 10/1977 | Taylor et al. | 7/34 |
| 4,287,103 | 9/1981 | Francis et al. | 260/17 |
| 4,347,266 | 8/1982 | Norman et al. | 427/153 |
| 4,352,835 | 10/1982 | Holbrook et al. | 427/38 |
| 4,442,140 | 4/1984 | Kawabata et al. | 427/154 |
| 4,454,266 | 6/1984 | Coughlan et al. | 524/44 |
| 4,548,967 | 10/1985 | Brown et al. | 524/56 |
| 4,612,058 | 9/1986 | Geke et al. | 134/38 |
| 4,632,848 | 12/1986 | Gosset et al. | 427/154 |
| 4,804,573 | 2/1989 | McCarthy et al. | 428/201 |
| 5,061,518 | 10/1991 | Langerbeins et al. | 427/154 |
| 5,143,949 | 9/1992 | Grogan et al. | 523/334 |
| 5,186,978 | 2/1993 | Woodhall et al. | 427/154 |
| 5,262,466 | 11/1993 | Baldi | 524/557 |
| 5,302,413 | 4/1994 | Woodhall et al. | 427/154 |
| 5,362,786 | 11/1994 | Woodhall et al. | 524/389 |

OTHER PUBLICATIONS

Aug. 1992 Martin Senour Paints, Material Safety Data Sheet, III–28.

Feb. 1962 3M Automotive Trades Division, Overspray Masking Liquid–Dry Label; Part No. Material Safety Data Sheet; Part Nos. 06847, 06851, 06856, 06857.

Cal–West Automotive Products, SLIME label.

Du Pont Company, Technical Information sheets for Elvands.

Air Products and Chemicals; Information regarding Airvol (9 pages) 051131–06856.

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[57] **ABSTRACT**

A masking composition for protecting a surface from paint overspray, the masking composition including: polyvinyl alcohol which is at least 98.0% hydrolyzed and has a viscosity less than about 7 centipoise in 4% aqueous solution at 68° F.; a surfactant; and water.

**33 Claims, No Drawings**