

PRELIMINARY DRAFT - February 20, 1997

**RUBBER and VINYL PROTECTANT
(Aerosol and Non-aerosol)**

Preliminary Draft VOC Limit: 5% by weight

I. Product Definition:

“Rubber and Vinyl Protectant” means any product designed to clean, protect, preserve or renew vinyl, rubber, and plastic on vehicles, luggage, furniture, and products around the home such as vinyl covers, clothing, and accessories. “Rubber and Vinyl Protectant” protects against fading, cracking, and drying caused by age, environmental pollution, and the sun’s ultraviolet rays. These products are generally available as pumps and liquids. This category also includes tire cleaner/dressing which means a product designed primarily to remove dirt or road grime such as road tar, roadway paint markings, asphalt residues and biological residues, or beautify or protect motor vehicle tires. This category excludes products designed to clean the rim, such as wheel cleaners.

II. Typical Formulations of Complying Products (Category 225c):

Disclaimer: The following sample formulations for complying products are not intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.

A. Aerosol Products

1. Water-based formulation:*

Wt. %	Ingredient
85 - 95	Water
0 - 5	VOC's
0 - 5	Non VOC Propellant
5 - 10	Inorganics

* As seen in our 1995 Mid-term Measures Survey

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B. Non-aerosols

1. Water-based formulation:*

Wt. %	Ingredient
50 - 85	Water
0 - 5	VOC's
0 - 35	LVP VOC's
10 - 30	VMS

3. LVP VOC solvent based formulation:*

Wt. %	Ingredient
95 - 100	LVP VOC's
0 - 5	VOC

* As seen in our 1995 Mid-term Measures Survey