The formulation suggested for the vehicle is:

1. Traffic Paint Vehicle

	Parts by Weight
Pliolite S-5 Milled Resin	250
AROCLOR 5460	130
AROCLOR 1254 or 1248	120
Toluene	340
Mineral Spirits	340
	1180

Procedure: Cold-cut in agitator tank or pebble mill. Time 1 to 2 hrs.
Appearance: Cloudy liquid--clear film.

2. Ready-to-use White Traffic Paint

	Parts by Weight
Titanium Dioxide, Anatase	200
Calcite Whiting, Low Oil, 5-15 microns	180
Diatomaceous Silica	100
Aluminum Stearate, Di-Acid	8
Lecithin	8
Vehicle (1. Traffic Paint Vehicle)	590
Toluene	108
	1194

Grind: 2 to 3 Pebble or Roller.

3. Ready-to-use Yellow Traffic Paint

	Parts by Weight
Medium Chrome Yellow, C.P.	330
Titanium Dioxide, Anatase	65
Calcite Whiting, Low Oil, 5-15 microns	80
Diatomaceous Silica	140
Aluminum Stearate, Di-Acid	10
Lecithin	8
Vehicle (1. Traffic Paint Vehicle)	590
Toluene	133
Mineral Spirits, Regular Paint Grade	25
	1381

Grind: 2 to 3 Pebble or Roller.

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AROCLOR-PLIOLITE S-5 STUCCO PAINT

Aroclor 1254, as a plasticizer, and Aroclor 5460, as a fortifying resin, used in relatively high proportions (50 parts Aroclor with 50 parts Pliolite S-5) impart the alkali resistance, weather resistance, and over-all durability required for stucco paints.

A typical formulation taken from the article, "New Developments For High Styrene-Butadiene Copolymers in Protective Coatings" by R. E. Workman, The Goodyear Tire and Rubber Company, Inc., published in the Official Digest of the Federation of Paint and Varnish Production Clubs, April, 1949, is as follows:

Suggested Pliolite S-5 Stucco Formulation

Material	% By Weight
Titanium Dioxide (Non-chalking, non-yellowing Rutile)	17.52
Zinc Oxide	5.02
Asbestine	20.02
Pliolite S-5	7.04
AROCLOR 1254	3.52
AROCLOR 5460	3.52
Mineral Spirits	17.92
Hi-Flash Naphtha	17.92
Grind in pebble mill overnight	
Celite (Superfloss)	7.52
Grind two hours	
	100.00

Consistency 71 KU
Total Solids 64.16%

This formulation has been exposed in California, Arizona, Texas and Florida for periods of six months to one year, and from the data accumulated to date, this Aroclor-Pliolite S-5 stucco finish appears to be very satisfactory.

AROCLOR-PLIOLITE S-5 TRAFFIC PAINT

Aroclors 1248 and 1254 are excellent plasticizers for Pliolite S-5, and Aroclor 5460 is an excellent resinous fortifying material for Pliolite S-5 used for highway or traffic paints.

Paints prepared from the formulation described in the following are applied at the rate of 16-18 gallons per mile as a 4-inch strip. Outstanding properties include rapid drying, long wear, durability to sunlight and abrasion, excellent wetting and penetration through dirt or foreign matter, and resistance to alkalinity of the concrete.

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