



Product Specification Report

ARMOR ALL PROFESSIONAL[®] CLEAR COAT POLISH BLUE/RED/YELLOW BUBBLE GUM

CLASSIFICATION:

- Clear Coat Polish Products

PRODUCT DESCRIPTION:

- Premium, tri-color foaming polishes for in-bay automatic car washes.

FEATURES & BENEFITS:

- Enhanced shine and water beading for increased customer satisfaction.
- Great foam and color visibility.
- Cherry bubble gum scent.
- Quick rinsing.
- Concentrated formula.
- Superior brand name recognition.
- Helps keep cycle time low.

PHYSICAL CHARACTERISTICS:

- Form Liquid
- Color Red/Blue/Yellow
- Odor Cherry bubble gum
- Foam Medium
- pH (1%) 8.7
- Specific Gravity 1.00
- Pounds per Gallon 8.2
- Phosphorus none
- Hard Water Tolerance Up to 15 grains
- Biodegradability Complete biodegradable

PACKAGE SIZES & PRODUCT NUMBERS:

Size Available	Product Number	Color
5 GAL	30001315	Blue
15 GAL	30001311	Blue
5 GAL	30001325	Red
15 GAL	30001321	Red
5 GAL	30001335	Yellow
15 GAL	30001331	Yellow

APPLICATION GUIDE / USE INSTRUCTIONS:

Recommended Starting Dilutions:

<u>Application</u>	<u>Ratio</u>	<u>Comments</u>
• HPA	1:800 to 1:400	0.33 to 0.50 oz/color/application.

TITRATION PROCEDURE:

Yellow and Red Product

TITRATION PROCEDURE - VCD test kit

1. Rinse and fill vial the 10 ml line with solution to be tested.
2. Add five (5) drops of Quat indicator #41. Mix by inverting vial.
3. Titrate with Quat 50X Titrate #043 or Quat 10x titrate #042, one (1) drop at a time, counting and mixing between drops until the color changes.
4. Record the number of drops. Use the appropriate column on the titration chart below to get product to water ratio.

ALTERNATIVE TITRATION PROCEDURE – NCS COMBINATION TEST KIT (SKU# - KT5700)

1. Rinse and fill vial the 10 ml line with solution to be tested.
2. Add three (3) drops Sulfuric acid 0.5N (SKU# - KT570023). Mix by swirling vial
3. Add five (5) drops of QAC Indicator Solution (SKU# - KT570021). Mix by swirling vial.
4. Titrate with QAC DT Solution (SKU# - KT570019), one (1) drop at a time, counting and mixing between drops until the color changes.
5. Record the number of drops. Use the appropriate column on the titration chart below to get product to water

ALTERNATIVE TITRATION PROCEDURE - ARMOR ALL PROFESSIONAL CAR WASH & NCS VEHICLE CARE INC. CAR WASH TITRATION KITS

1. Rinse and fill vial the 10 ml line with solution to be tested.
2. Add five (5) drops of Drying Agent Indicator Solution. Mix by swirling vial.
3. Titrate with Drying Agent Titration Solution, one (1) drop at a time, counting and mixing between drops until the color changes.
4. Record the number of drops. Use the appropriate column on the titration chart below to get product to water ratio.

Blue Product:

- Due to the intense color of this product, the concentration cannot be determined by titration. It must be measured volumetrically to find the use ratio.

TITRATION CHART:

	Titrate #043 (50x)	Titrate #042 (10x)	QAC DT
RATIO	DROPS	DROPS	DROPS
1:800	1	7	2
1:600	2	10	3
1:400	3	14	4
1:300	4	19	6
1:128	9	45	14

Ratio/Drops above the highest recommended use dilution are for testing concentrated product or sump solutions

HEALTH, SAFETY, STORAGE & FIRST AID INFORMATION: See Product SDS