



ADHESIVES

**SYNTHETIC
POLYMERS**

PLYAMUL® CPS 104

DESCRIPTION

An externally plasticized, hydroxyethyl cellulose stabilized, vinyl acetate homopolymer

APPLICATIONS

Binder for ready-mixed tape-joint cement compounds

FEATURES

Excellent binder efficiency
Superior workability
Excellent compoundability in lightweight formulations

PROPERTIES

Appearance	White Liquid
Nonvolatiles, %	60.0 ± 1.0
pH	4.5 – 5.5
Viscosity (RVF, #4/50rpm, 25°C), cps	1000 – 2200
Lbs/ gal (US)	8.9 – 9.3
Glass Transition Temperature (°C)	+25

STORAGE

Protect from freezing. Ideal storage temperature is 72°F. Stability at 72°F is more than 180 days.

SHIPPING FORM

Available in 10,000 or 20,000-gallon railroad tank cars, 5,000-gallon tank trucks, or 55-gallon, non-returnable plastic or fiber drums

PLEASE READ THE PLYAMUL® CPS 104 RESIN EMULSION MATERIAL SAFETY DATA SHEET BEFORE HANDLING, STORING OR USING THIS PRODUCT

RV 4/02

Forbo Adhesives, LLC • Synthetic Polymers • P.O. Box 110447 • Durham, NC 27709

800 711-2415

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ADHESIVES

**SYNTHETIC
POLYMERS**

PLYAMUL® CPS 105

DESCRIPTION

An externally plasticized, hydroxyethyl cellulose stabilized, vinyl acetate homopolymer

APPLICATIONS

Binder for ready-mixed tape-joint cement compounds

FEATURES

- Excellent binder efficiency
- Superior workability
- Excellent compoundability in lightweight formulations
- Excellent low temperature performance

PROPERTIES

Appearance	White Liquid
Nonvolatiles, %	60.0 ± 1.0
pH	4.95 – 5.90
Viscosity (RVF, #4/50rpm, 25°C), cps	1500 – 3000
Lbs/ gal (US)	8.9 – 9.3
Glass Transition Temperature (°C)	+13

STORAGE

Protect from freezing. Ideal storage temperature is 72°F. Stability at 72°F is more than 180 days.

SHIPPING FORM

Available in 10,000 or 20,000-gallon railroad tank cars, 5,000-gallon tank trucks, or 55-gallon, non-returnable plastic or fiber drums

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+7070



ADHESIVES

SYNTHETIC
POLYMERS

PLYAMUL® 303

DESCRIPTION

A high molecular weight, borax stable, polyvinyl acetate.

FEATURES

- ◆ Excellent stability with solvents and plasticizers
- ◆ Good stability with dextrin and borax containing compounds.
- ◆ Superior binding strength with pigments

PROPERTIES

Nonvolatiles, %	55.0 +/- 1.0
pH	5.0 +/- 0.5
Viscosity, Brookfield, LVF, 25°C Spindle #3 at 60 Rpm, Cps	600-1600
Weight, U.S., Lbs./Gal.	8.7 – 9.1
Residual Vinyl Acetate, % Maximum	0.5 %
Glass Transition Temp., °C by DSC Inflection	+36

STORAGE

Protect from freezing. Ideal storage temperature is 72°F. Stability at 72°F is more than 180 days.

SHIPPING FORM

Available in 10,000 or 20,000 gallon railroad tank cars, 5,000 gallon tank trucks, or 55-gallon non-returnable plastic or fiber drums.

**READ PLYAMUL® 303 RESIN EMULSION MATERIAL SAFETY
DATA SHEET BEFORE HANDLING, STORING OR USING THIS PRODUCT.**

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ADHESIVES

SYNTHETIC
POLYMERS

PLYAMUL® 305

DESCRIPTION

A polyvinyl acetate latex made using polyvinyl alcohol

APPLICATION

An adhesive base for high-speed applications

FEATURES

- Very fast breaking or drying
- Limited wet tack time
- Higher response to plasticizer/solvent additions than standard homopolymer
- Compatible with standard homopolymers
- Not stable to borax
- Lower molecular weight than standard homopolymers
- Better water resistance than standard homopolymers

PROPERTIES

Nonvolatile	54.0 - 56.0
pH	4.5 - 5.5
Viscosity, Brookfield, RV, #3 @ 20 Rpm, 25°C/77°F, Cps	1000 - 2000
Weight U.S., Lbs./Gal.	8.85 - 9.15
Glass Transition Temp., °C by DSC	
Onset	34
Inflection	40

STORAGE

Protect from freezing. Ideal storage temperature is 72°F. Stability at 72°F is >180 days

SHIPPINGFORM

Available in 10,000- or 20,000-gallon railroad tank cars, 5,000-gallon tank trucks or 55-gallon non-returnable plastic or fiber drums

**READ THE PLYAMUL® 305 MATERIAL SAFETY
DATA SHEET BEFORE HANDLING, STORING, OR USING THIS PRODUCT.**

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