

INTRODUCTION

VISCOPOL 5080 is a high molecular weight, fine particle size, high performance styrene acrylic emulsion developed for interior texture finishes, membrane coatings, interior wall paint topcoats, interior and exterior wall primers, cement roof coating primers -all with excellent scrub resistance and excellent adhesion to a wide variety of substrates. It is an improved product for better blister resistance.

TYPE

Styrene Acrylic Emulsion

FORM OF DELIVERY (F.O.D)

50.0 % non-volatile in water

PRODUCT DATA

Non-Volatile, by wt:	50.0 ± 1 %
Viscosity, Brookfield: RVT 6/50 @ 25 °C	800 - 1800 cP
pH.:	8.0 - 9.0
Particle Size, nm:	95 - 125
MFFT, °C	16 - 18
Appearance :	white, milky and free from extraneous matter
Density:	1.04 ± 0.10 kg/liter
TG, °C	20 - 22
Non-volatiles, by vol:	48.1 %
Flash Point:	N/A

PERFORMANCE HIGHLIGHTS

- a) Good flexibility.
- b) Good alkali resistance.
- c) Good scrub resistance
- d) Excellent response to associative thickeners
- e) Use across high and low PVC's
- d) Excellent blister resistance

SUGGESTED USES:

1. Water Based Decorative Concrete Primer and Interior Topcoat
2. Clear, Pigmented primers -cement roof, exterior/interior wall

RECOMMENDED COALESCENT LEVELS:

5 - 9 % based on Polymer Solids & PVC. For roof coatings primers, lower depending on cure temperatures i.e. 3- 4 %.

It is recommended that a coalescent ladder test is being done by the paint formulator for proper levels.

PRECAUTIONS

Before using VISCOPOL 5080 , see the Safety Data Sheet (SDS) for information on the identified hazards of the material and the recommended personal protective equipment and procedures.

STORAGE CONDITIONS

Care should be taken not to expose the product to high temperature conditions, direct sunlight, oxidizing agents, alkalis or acids. Storage and handling should be in stainless steel, amber glass, polyethylene or baked phenolic lined containers. Wash thoroughly after handling. Keep container tightly closed. Use with adequate ventilation. This is classified as non-Dangerous Goods for shipping.

Storage temperature: max 35 °C.

SHELF LIFE

Standard Shelf Life is 180 days from the date of manufacturing.
For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.