



SYCOAT 166

Typical Physical Properties

Description

Low VOC, high solids, all-acrylic emulsion

Suggested Uses

- Elastomeric roof coatings
- Exterior wall coatings
- Caulks
- Flexible sealants

Characteristics

- Great flexibility
- Low water absorption
- High binding capacity
- Naturally UV resistance by design based on it's acrylic nature

Suggested Coalescing %

(% Solvent on Polymer Solids)

- None required

Property	Value
Percent Solids	58.0
Polymer Type	Acrylic
Brookfield Viscosity @ 25°C LVT #1 @ 12rpm	200 cps.
pH	5.0 to 7.0
Tg (calculation value) °C/°F	-23/-9
Density, lbs./gallon	8.8
MFT (°C)	<0
Appearance	Milky White
Particle Size	.2
Odor	Slight Acrylic

Basic Elastomeric Coating

<u>Ingredients</u>	<u>% per weight</u>
Water	11.885
Tamol 165	0.356
KTPP	0.091
Rhodoline 622	0.174
Anticide PA	0.091
TiO2	10.536
Zinc Oxide	0.497
Ca CO3	30.07
<u>Make above Grind</u>	
Sycoat Polymer	44.049
Defoamer	0.174
Benzophenone	0.298
Methanol	0.828
HHBR	0.166
PG	0.786

Premix, then add

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Description

STI Polymer is the partner of choice for custom formulations and manufacturing of adhesives, paints and coatings. STI Polymer has built a reputation of proven performance, from providing manufacturers of paints and adhesives with the basic functional components of their formulations to producing private labeling of high-quality products for leading global corporations. STI's robust technical foundation and agility to meet the emerging needs, combined with an emphasis on long-term partnerships, drives its customer' successes.

STI Polymer

You drive. We navigate.

General Properties

Recommended Storage:

Protect from freezing. Recommended storage temperature is 60°F to 80°F (15°C to 25°C). Keep in tightly covered container.

Shelf Life:

Six months from date of manufacture.

Packaging:

One-way drums and totes or bulk shipments available.

DOT Label Required:

This product is not classified as a hazardous product under DOT or OSHA regulations. It does not contain any hazardous components at levels which have implications for labeling under these regulations.

Clean-up:

Soapy water (wet), Solvent (dry)

Material Safety Data Sheet:

Consult all information contained in the material Safety Data sheet for this product.

Because we cannot anticipate nor control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our product should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without warranty, either express or implied, and the buyer assumes all responsibility for loss or damage arising from the handling or use of our products, whether done in accordance with directions or not. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.



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