

**F**inishes  
**A**dhesives  
**S**ealants  
**C**oatings



Specialty Chemicals, LLC

# Technical Bulletin

## FASC-Tac 459-R

FASC-Tac 459-R is an emulsion adhesive specifically designed for film and paper label stocks. The adhesive has excellent anchorage to most films. The balance of peel, tack and shear make the product suitable for ultra removable applications such as window graphics, floor graphics, protective films, and removable labels. The resulting film dries water clear and is highly resistant UV and discoloration. The product is formulated to have excellent wet out, flow, and leveling properties on a wide range of release liners.

### Compounding

FASC-Tac 459-R can be readily compounded with plasticizers, surfactants, and pigments to create a custom formulation to meet the requirements of unique applications.

### Typical Product Properties

% Solids	52 ± 1
Viscosity cPs <sup>1</sup>	1300 (or custom)
pH	7.5
Polymer Type	Acrylic Emulsion
Protective Colloid	Surfactant
Mechanical Stability	Excellent
Freeze Thaw Stability	Poor

<sup>1</sup> Brookfield Viscometer, Model RVT, Spindle 3 at 20rpm

### Typical Film Properties

Water Resistance	Moderate
UV Resistance	Excellent
Clarity	Excellent

### Typical Film Properties

180° Peel, 15 min. PSTC 1	< 4 oz./in.
180° Peel, 24 hr. PSTC 1	< 4 oz./in.
Shear, ½"x1"x1000, PSTC 7	40 min.
Loop Tack	14 oz./in.

All testing: 1 mil adhesive direct coated on 2 mil polyester on stainless steel

This warranty is in place of all other warrants, expressed or implied, and all implied warrants of a product for an intended use shall be solely up to the user. South Coast Specialty Chemicals, LLC assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of the materials supplied by it.

Custom Solutions

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