

#### TECHNICAL DATA SHEET

# APS-PSA 101-10

#### **Product Overview**

APS-PSA 101-10 is a silicone pressure sensitive adhesive designed to provide excellent thermal resistance and electrical insulation properties. APS-PSA 101-10 readily adheres to various substrates and will withstand temperatures over 200°C. Fillers, such as mica or glass cloth, may be incorporated into APS-PSA 101-10 to impart fire resistant characteristics to wire coatings.

## **Applications**

- Very good balance of adhesive and cohesive strength.
- Suitable for fire resistant electrical wire.
- Benzoyl peroxide is the recommended catalyst.

# **Physical Properties**

APPEARANCE:	Clear, yellowish Liquid
ACTIVE CONTENT:	60%
SPECIFIC GRAVITY:	0.98
VISCOSITY:	60,000-80,000 cps

### Packaging

Available in 8 oz. samples and 300-lb drums.

### **Application Methods**

- APS-PSA 101-10 may be used as supplied or, if necessary, diluted with an aromatic hydrocarbon such as toluene or xylene. A catalyst is used in a majority of applications to accelerate polymerization. For example, commercial 2-4-dichlorobenzenoyl peroxide, in a 50% paste, may be used at approximately 0.5% to 3% based on the volume of APS-PSA 101-10. The adhesive properties depend on curing conditions, which take a few minutes at temperatures between 130°C to 2 0°C. APS-PSA 101-10 should be kept tightly closed when not in use. Store away from direct sunlight in a
- cool area.

#### **ADVANCED POLYMER**

400 Paterson Plank Road Carlstadt, NJ 07072

#### ADVPOLYMER.COM

PHONE: 201,933,0600

FAX: 201.933.8442

The information set forth herein is furnished free of charge and based on technical data that Advanced Polymer believes to be reliable. It is intended for use by persons having technical skill at their own risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assure no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.