**Gel-Tac® Adhesive 271ND**

**Product Description**
Gel-Tac 271ND is a waterbased microsphere adhesive for use in applications that require the properties of low tack and clean removability.

**Application**
Gel-Tac 271ND is designed for transfer coating onto paper substrates. 271ND can be coated onto release liner using conventional coating methods such as reverse roll and extrusion. 271ND should be applied at amounts of 10-13 lbs. (dry)/3000 sq. ft. for the purposes of initial evaluation.

**Physical Property**
- **Total Solids:** 41% - 43%
- **Viscosity:** 1400cps - 2000cps
- **pH:** 8.5 - 10.0
- **Vehicle:** Water
- **Particle Size:** 30 micron average

**Handling & Storage**
Gel-Tac 271ND adhesive will separate over time. This is typical for this type of adhesive. Mix before use. Make sure pH is between 9.0 and 10.0. If pH falls below 8.8, coagulation may occur. Personnel should wear gloves & splash goggles when handling materials. Adhesive should not be exposed to freezing conditions.

**Typical Performance Properties**
- Adhesive coated onto 1 mil. polyester film.
- Adhesive coat weight 12 gsm/dry.
- **90° Peel (PSTCS-1-1)**
  - 30 min. dwell: 101.9 g/2.5 cm
  - 24 hour dwell: 120.1 g/2.5 cm
- **Loop tack:** 245 g/2.5 cm
- **Polyken tack:** 180 g

**Shelf Life**
Gel-Tac adhesive should be stored at temperatures between 50°F and 100°F. Keep containers closed to maintain stability of the adhesive. Shelf life is 6 months.

**Packaging**
Gel-Tac adhesive is supplied in 1000kg totes or 200kg drums.

**Regulatory Status**
Gel-Tac 271ND is compliant under CONEG, Toy Safety ASTM 963 (Heavy Metals Only).

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Recommendations of Advanced Polymers International, if any, regarding the use of this product are based upon testing methods believed to be reliable. All component materials are of the highest quality and our manufacturing process is conducted in accordance with the highest of standards. However, we do not recommend that this product be used in any way which violates any law or infringes upon any valid patents. We make no warranties, express or implied, regarding this product or its use, including merchantability and fitness for a particular purpose. The manufacturer is not liable for any consequential, incidental or special damages of any kind.

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271ND July2011