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Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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**High Shear/Standard Splicing Tape**
PSA590LD and PSA810
Polyester and Polyimide films

- Key Features:
  - Good adhesion to a variety of surfaces
  - High temperature shear resistance
  - 180 °C long term, >300 °C short term

**Plasma/Flame Spray Tape**
PSA518 and PSA6574
Silicone Rubber, Glass Cloth, PTFE, Foil

- Key Features:
  - Extreme temperature resistance
  - Clean removal
  - Retention of properties vs Temperature exposure

**Electrical Insulation Tape**
PSA518, PSA610, PSA595, PSA810
Polyimide, Glass Cloth, PTFE

- Key Features:
  - Excellent electrical properties, high dielectric strength
  - High temperature insulation (180 °C insulation class, 330 °C short duration)
  - Low out-gassing, non-corrosive

**Plater’s Masking Tape**
PSA595, PSA610 and PSA810
Polyimide, Polyester, PTFE

- Key Features:
  - Conformable to irregular surfaces
  - No “lifting” at elevated temperatures
  - Clean removal
  - No residue left after delamination with PSA810
  - Resistant to solder heat, gold plating, hot air leveling.

### Additives
- **SR545**: MQ resin used to increase peel and cohesion
- **SRC18**: Catalyst for mica and laminating processes
- **SS4191A and SS4195A**: Primers for optimal anchorage on filmic liners

### Mica Tapes & Sheets
- **PSA590LD**: Optimized condensed SiPSA to consider for flexible mica tapes
- **PSA590 LD**: Low dust PSA for cleaner process ability and low viscous material for better impregnation

### Laminating adhesives
- **PSA6573A**: Tack free when cured with SRC18 under heat - Thermo-sealing tapes for mechanical fasteners
- **PSA529**: Low viscosity adhesive providing low tack when cured with SRC18 at room temperature

### Heat Seal - PTFE Glass Fabrics
- **PSA518**: Ultimate grade for high temp. performance
- **PSA810**: High temperature shear strength methyl PSA
- **PSA595**: General propose for “first quality” PTFE glass fabrics