

**SST<sup>®</sup>-4**

PTFE Micropowder

SST<sup>®</sup> products are Shamrock's PTFE micropowders that are defined by particle size and distribution, molecular weight, crystallinity, surface area, oil adsorption, powder flow, and color. Made primarily from highly controlled recycled PTFE feedstocks, SST<sup>®</sup> products are used for their ability to provide slip, non-stick, water repellency, texture, release, rub, and abrasion resistance to surfaces.






**Product Description:**

SST<sup>®</sup>-4 is a white low MW PTFE micropowder with particle size distribution at a mean value of 3-4  $\mu\text{m}$ .







**Application:**

SST<sup>®</sup>-4 is frequently used in both the inks and thin-film coatings applications due to its small particle size. SST<sup>®</sup>-4 is recommended for use in offset and liquid inks. SST<sup>®</sup>-4 is also recommended for use in powder, water-based, solvent-based and UV coatings at 0.5-3.0% of the total formula weight. Typical applications include can and plastic coatings.

**Features and Benefits:**

-  Rub and Abrasion Resistance
-  Slip (Low COF)
-  High Temperature Resistance
-  Mar/Scuff
-  Gloss Retention

**Typical Properties:**

 Specific Gravity:	2.15 g/cm <sup>3</sup>
 Particle Size Mean Value:	3-4 $\mu\text{m}$
 99% of Particle Under:	10 $\mu\text{m}$
 NPIRI Grind:	2.0 Max
 Hegman Grind:	6.5 Min
 Melting Point:	608 / 320 °F / °C

**Regulatory Status**

The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS. This product meets the requirements of 21 CFR 175.105, 175.300, 176.170, and 176.180.

**Safety, Shipping and Handling**

For complete shipping, handling, health and safety information please contact your regional Customer Service Representative. Please contact them at your convenience for instructions and Material Safety Data Sheets, the contact information is located below.

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