

SST[®]-1 MG-RC

PTFE Powder

Product Description:

SST[®]-1 MG-RC is a PTFE powder made of agglomerates of sub-micron primary particles and is produced to be in compliance with EU regulatory requirements. The agglomerates can be easily broken down by high shear stress dispersion, blending, or milling procedures, thus yielding sub-micron particles with relatively high specific surface area.

Application:





SST[®]-1 MG-RC provides outstanding surface abrasion resistance and reduction of the coefficient of friction when used in Printing inks and Coatings. It is part of the SST Series, Shamrock's premier line of exceptional slip and wear resistance additives. SST[®] PTFE powders are available in sizes from submicron to 50 micron average particle size.

For best results, add during the grind stage or under high shear.








Recommended Level:

0.5 – 3.0% of total formula weight

Features and Benefits:

-  Slip (Low Friction)
-  Rub and Abrasion Resistance
-  Easy to incorporate
-  Compatible with other waxes

Typical Properties:

 Appearance:	White Powder
 Specific Gravity:	2.15 – 2.2
 NPIRI Grind:	2.0
 Hegman Grind:	7.0
 DSC Melting Point:	608 / 320 °F / °C
 90% of Particle Under:	1 µm
 100% of Particle Under:	10 µm

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 complies with the Commission Delegated Regulation (EU) 2020/784 amending Annex I to POPs Regulation (EU) 2019/1021 (per Shamrock QSOP-202E).

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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