



## **PRODUCT INFORMATION SHEET**

### ***SILCOSPERSE® 181 MAGNESIUM OXIDE DISPERSION FOR SILICONE RUBBER***

#### **General Information**

Silcosperse® 181 is a high quality dispersion of a premium grade of magnesium oxide in VMQ silicone gum. Silcosperse 181® is typically used to neutralize acid by-products generated by certain peroxides.

In addition, Silcosperse® 181 is also used to improve the physical properties of silicone compounds designed to withstand contact with oils at elevated temperatures.

Silcosperse® Dispersions eliminate the problems associated with messy, hard to handle chemicals. They allow for faster, easier weigh-up and incorporation into the compound.

#### **Typical Characteristics**

<i>Recommended Level</i>	<i>Specific Gravity</i>	<i>Color</i>	<i>Pigmentable</i>	<i>FDA</i>	<i>Polymer Type</i>
1-2 phr	1.40	White	Yes	Yes	VMQ

#### **Specifications**

Typical Characteristics are not intended for use in preparing material specifications. For assistance please contact Gayson SDI before writing specifications.

#### **Storage & Handling**

Avoid excessive heat and humidity. Storage below 32°C (90° F) is recommended.

#### **Safety & Handling**

See Material Safety Data Sheet

#### **Packaging Information**

Silcosperse® 181 is available in 5 lb. and 50 lb. boxes. Bulk packaging available upon request.