



The Shepherd Color Company
We Brighten Lives

TECHNICAL DATA SHEET

TDS #099
Revision 7
Page 1 of 1

VIOLET 11C

C.I. Pigment Violet 16
CAS # 10101-66-3*

DESCRIPTION: A red-violet powder produced by a high temperature precipitation process giving a non-migrating and non-bleeding pigment. It has fair heat stability but poor exterior durability. Typical applications (non inclusive) are cosmetics (especially those intended for use around the eye), external use drugs, and other applications where equivalent pigment chemistry is used.

COMPOSITION: Manganese ammonium pyrophosphate

Physical/Chemical Property	Typical Value	Units	Test Method+
Specific Gravity	2.7	n/a	SCTM 312
Loose Packing Density	2.5 0.30	lbs./gal kg/L	SCTM 194
Surface Area (BET)	2.4	m ² /g	SCTM 153
Percent Moisture	0.4	wt. %	SCTM 248
Mean Particle Size	3.1	microns	SCTM 348
Conductivity	700	μS/cm	SCTM 142
Oil Absorption	21	parts oil/100 parts pigment	SCTM134
pH	3.8	n/a	SCTM 101
Residue 325 Mesh	0.02	wt. %	SCTM 135
Heat Stability	525 275	°F °C	Observed

+SCTM refers to Shepherd Color Testing Method

Issued by: Brian Schwer-Technical Manager Issue Date: February 27, 2014

This document is not subject to the requirements of the Shepherd Color internal control procedure. This information provided hereon is based on tests believed to be reliable. However, this data is not guaranteed and no warranty, either expressed or implied is made concerning the use of this information or the use of the product described, whether or not known to The Shepherd Color Company.