



SIPI575 5411 GRN/PURPL GLITTER SPECIALTY EFFECT POWDER

TECHNICAL DATA SHEET

SIPI575 5411 Green/Purple Glitter is a high shimmer powder glitter to be added to most solvent-based and UV-curable screen printing ink systems to provide a white, transparent sparkle with green and purple highlights. Typically, SIPI575 5411 Green/Purple Glitter is used at a load percentage of 2% or less into a clear and printed over graphics for cosmetic packaging or credit card applications.

USER INFORMATION

While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at the end of the document.

MESH 60-110 tpi (24-45 tpcm) monofilament polyester mesh for most applications

PARTICLE SIZE Most particles at the 100 µm size with a distribution of 20 to 200 µm.

INK PREPARATION

SIPI575 5411 Green/Purple Glitter powder is intended to be used with mixing clear or metallic mixing clear. Consult the Technical Data Sheet of the ink series to determine printing requirements. Most graphic applications require a mix of 2% or less of powder by weight, with a maximum of 20% powder by weight depending on the ink system, mesh count, adhesion, cure, and desired effect. Test adhesion properties when determining pigment load.

Solvent Based Screen Inks: the SIPI575 5411 Green/Purple Glitter powder is compatible with most Nazdar solvent based screen inks.

UV Screen Inks: due to the coarse mesh count required for printing the SIPI575 5411 Green/Purple Glitter powder, use only with high performance UV Screen Inks such as the Nazdar UV Ink Series: PSLC294 UV Litho Clear, PowerPrint[®] 1600, PowerPrint[®] Plus 1800, PowerPrint[®] Banner 1900, and 4200 Series Screen inks. Other Nazdar inks may be suitable, but may not be recommended due to slower cure rates.

Note: Cure, adhesion, and inter-coat adhesion testing must be carried out prior to production.

STORAGE Tightly closed in dry area.

INK HANDLING Inhalation is the primary route of exposure and irritation with powders. Therefore, it is recommended that all personnel mixing and handling these products minimize the creation of dust. Consult the SIPI575 5411 Green/Purple Glitter Material Safety Data Sheet for further instructions and warnings.

COLOR CARD MATERIALS

The following is a list of screen printed samples available.

Special Effects Color Card, Revision 3 (CARDSPL): shows SIPI575 5411 Green/Purple Glitter mixed with 1627 Metallic Mixing Clear.

PACKAGING Available in 5 ounce containers.

Note: 5 ounces equals approximately 1/3 pounds.

Nazdar[®] stands behind the quality of this product. Nazdar[®] cannot, however, guarantee the finished results because Nazdar[®] exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar[®].

Based on information from our raw material suppliers, these products are formulated to contain less than 0.06% lead.
If exact heavy metal content is required, independent lab analysis is recommended.

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