Interference pigments are powders added to solvent-based and UV-curable clear or highly transparent screen printing ink to provide a hue changing appearance when printed over a white background, or a color-intense metallic finish when printed over a black background.

Uses
- Interference pigments are used with Nazdar solvent-based and UV-curable clear and transparent inks.

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. Reference the 'Quality Statement' at the end of this document.

User Information

Mesh
Interference pigments range in size from 10-60 microns; most particles are mid-range size. 230-305 tpi mesh (90 – 120 tpcm) can be used. Match the mesh count to the particle size of the pigment; higher mesh counts may produce more blocking of the mesh with longer print runs.

Pigment/Additive Load
Mix up to 20% pigment by weight depending on ink system, mesh count, adhesion, cure, and desired effect. Higher pigment loads may require higher cure levels. Test adhesion properties when determining pigment load.

Interference pigments are intended to be used with mixing clear, metallic mixing clear, overprint clear, or highly transparent colors. Interference pigments can be combined with pearlescent and multi-chromatic pigments to create customized effects.

Printing
When inks are to be printed over interference colors, the overprinting ink(s) must be evaluated for intercoat adhesion before proceeding with the production run. To maximize intercoat adhesion over interference colors, Interference colors should be printed as late as possible in the print sequence.

Storage
Store tightly closed in dry area.

General Information

Ink Handling
Inhalation is the primary route of exposure and irritation with Interference pigments. Therefore, it is recommended that all personnel mixing and handling these products minimize the creation of dust. If pigment is inhaled, seek fresh air and consult a doctor if feeling unwell.

Consult the applicable Safety Data Sheet (SDS / MSDS) for further instructions and warnings.

For assistance on a wide range of important regulatory issues, consult the Regulatory Compliance Department link at http://www.nazdar.com or contact Nazdar Ink Technologies - World Headquarters (see contact listing at the end of this document).

Color Card Materials
Special Effects Color Card (CARDSPU): provides screen printed samples and visual reference of the interference pigments mixed in clear over white and black backgrounds.

Packaging / Availability
Contact your Nazdar distributor for product availability and offering.

Standard Items
Standard items listed below are inventoried in 1 pound containers.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIP1544</td>
<td>Ultra Gold</td>
</tr>
<tr>
<td>SIP1545</td>
<td>Ultra Red</td>
</tr>
<tr>
<td>SIP1546</td>
<td>Ultra Copper</td>
</tr>
<tr>
<td>SIP1547</td>
<td>Ultra Lilac</td>
</tr>
<tr>
<td>SIP1548</td>
<td>Ultra Blue</td>
</tr>
<tr>
<td>SIP1549</td>
<td>Ultra Green</td>
</tr>
</tbody>
</table>

Nazdar Quality Statement

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®.

**Nazdar Ink Technologies**

**Offices Worldwide**

**Nazdar Ink Technologies** - World Headquarters
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Toll Free US: 866-340-3579
Tel: +1 913-422-1888
Fax: +1 913-422-2296
E-mail: NazdarOrders@nazdar.com
Technical Support E-mail: InkAnswers@nazdar.com

**Nazdar Limited** – EMEA
Barton Road, Heaton Mersey
Stockport, England SK4 3EG
Tel: +(44) 0-161-442-2111
Fax: +(44) 0-161-442-2001
UK Technical Service E-mail: technicalservicesuk@nazdar.com

**Nazdar** – Asia Pacific
11 Changi North Street 1 #03-03/04
Singapore 498823
Tel: +65-63854611
Fax: +65-65433690
E-mail: aspac@nazdar.com