

Most Popular Products



Silkscreen

Gloss

- KS-21001 General Purpose Screen Gloss UV Coating
Everyday use with good gloss, lay and cure response
- KS-21007 High Gloss Screen UV Coating
Superior gloss and lay providing better clarity and resistance than general purpose
- KS-21005 Screen Flexible Gloss UV Coating
For difficult to wet printed materials and substrates including some nonporous
- KS-21009 Toner-Based Ink Gloss Screen UV Coating
Great adhesion and lay for many dry or wet toner inks
- KS-21016 Chemical Resistant Screen Gloss UV Coating
Great adhesion to various stocks providing water and broad chemical resistance

Satin

- KS-21430 Satin Screen UV Coating
Smooth satin appearance with superior rub resistance

Matte

- KS-21701 High Mesh Count Screen Matte UV Coating
380 – 450 Mesh, 60 degree gloss values less than 10
- KS-21702 Screen Matte UV Coating
General purpose, low gloss matte

Tactile

Raised

- KS-21010 Raised Screen UV Coating
Good clarity, leveling and lift while maintaining register
- KS-21014 Raised Low Mesh Screen UV Coating
Lower flow with maximized lay and leveling for optimal gloss and clarity

Sandy/Grit

- KS-21006 Sandpaper Screen UV Coating
Gloss finish with a light sandpaper feel
- KS-21020 Coarse Sandy Screen UV Coating
Low gloss, extreme sandpaper feel
- KS-21019 Screen Stippled Matte UV Coating
Very low gloss with a rough, textured finish

Rubber

KS-21018 Rubber Feel Screen UV Coating
High gloss with very high COF providing a grabby, rubber feel

Soft Touch/Feel

KS-21088 Soft Touch Screen Matte UV Coating
All UV coating providing a velvety, suede feel and low gloss

Decorative

Glitter

KS-21025 Metallic Gold Glitter Screen UV Coating
Large particle reflective glitter

KS-21026 Metallic Silver Glitter Screen UV Coating
Large particle reflective glitter

KS-21027 Metallic Holographic Glitter Screen UV Coating
Large particle reflective glitter

Sparkle

KS-21012 Sparkle Screen UV Coating
Large micron distribution for a clean diamond appearance

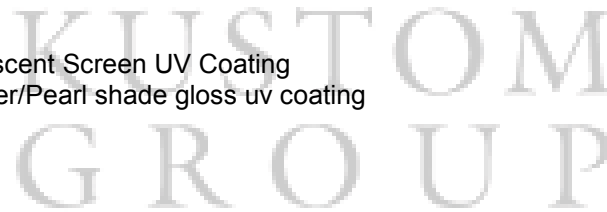
Color Shift

KS-21030 Gold Green Angle Dependent Screen UV Coating
Different color observed at different view points when applied over darker colors

KS-21031 Green Red Orange Angle Dependent Screen UV Coating
Different color observed at different view points when applied over darker colors

Pearlescent

KS-21021 Pearlescent Screen UV Coating
Silver/Pearl shade gloss uv coating



Technical Data Sheet

KS-21001

General Purpose Screen Gloss UV Coating



Product Description

KS-21001 is formulated as a high gloss UV coating for use in the screen area. Typical applications include paper and paperboard substrates where very high gloss, good blocking and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 22 – 26 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21001 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

Certain precautions should be taken when handling this product. Please refer to the Safety Data Sheet (SDS) for further details. This product contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed. Consult the SDS for appropriate equipment prior to using this or any other materials referred to in this Technical Data Sheet.

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DATE REVISED: 01/31/2019

Technical Data Sheet

KS-21007

High Gloss Screen UV Coating



Product Description

KS-21007 is formulated as a high gloss UV coating for use in the screen area with higher line count screens. Typical applications include paper and paperboard substrates where very high gloss, good blocking and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 25 – 29 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21007 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/03/2019

Technical Data Sheet

KS-21005

Gloss Flexible Screen UV Coating



Product Description

KS-21005 is formulated as a high gloss UV coating for use in the screen area over UV inks. Typical applications include various paper and paperboard substrates where very high gloss and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 21 - 24 sec. #3 Zahn
- Specific Gravity 1.10
- Solids > 99%

End Use Considerations

KS-21005 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/03/2019

Technical Data Sheet

KS-21009

Gloss Screen UV Coating for Toner-Based Ink



Product Description

KS-21009 is formulated as a high gloss UV coating for use in the screen area over toner-based inks like HP Indigo. Typical applications include paper, paperboard and select plastic stocks where very high gloss and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen (recommend 180-320 mesh)
- Good cure response
- Very good adhesion to toner-based ink
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 21 - 24 sec. #3 Zahn
- Specific Gravity 1.10
- Solids > 99%

End Use Considerations

KS-21009 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/03/2019

Technical Data Sheet

KS-21016

Chemical Resistant Screen
Gloss UV Coating



Product Description

KS-21016 is formulated as a high gloss UV coating for rotary and flatbed screen application with wide range chemical resistance and submersion water resistance when applied over hybrid or UV inks on select paper and nonporous stocks. Typical applications of KS-21016 are outdoor, personal care or food service where weatherability and broad chemical resistance are critical. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Broad adhesion to select plastics
- Great water, gasoline and motor oil resistance
- Superior recyclability
- Low yellowing
- Low odor
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 18 - 22 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21016 should be evaluated in the laboratory using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some ink systems. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/03/2019

Technical Data Sheet

KS-21430

Screen Satin UV Coating



Product Description

KS-21430 is formulated as a satin UV coating for use in the screen area. Typical applications include paper and paperboard substrates where a smooth satin finish is desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good satin appearance with a smooth finish
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 25 - 29 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21430 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 07/03/2018

Technical Data Sheet

KS-21701

High Mesh Count Screen
Matte UV Coating



Product Description

KS-21701 is formulated as a matte UV coating for application to paper and paperboard substrates where a smooth matte finish is desired. KS-21701 is ideal for higher mesh count screen applications. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good matteness with a smooth finish
- Recommended specifically for 380 - 450 mesh
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 18 – 20 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21701 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/17/2019

Technical Data Sheet

KS-21702

Screen Matte UV Coating



Product Description

KS-21702 is formulated as a matte UV coating for use in the screen area. Typical applications include paper and paperboard substrates where a smooth matte finish is desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good matteness with a smooth finish
- Excellent cure response
- NOT glueable, stampable or imprintable

Physical Properties

- Viscosity 31 – 35 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21702 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 08/29/2018

Technical Data Sheet

KS-21010

Screen Raised UV Coating



Product Description

KS-21010 is formulated as a high gloss UV coating for use in screen applications where a raised appearance is desired. Typical applications include paper, paperboard and select plastic stocks where very high gloss and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen (recommend 380 - 420 mesh)
- Good cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 40 - 45 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21010 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/18/2019

Technical Data Sheet

KS-21014

Low Mesh Screen Raised UV Coating



Product Description

KS-21014 is formulated as a high gloss UV coating for use in low mesh screen applications where a raised appearance is desired. Typical applications include paper, paperboard and select plastic stocks where very high gloss and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Optimal lay and leveling when applied with 60 – 120 mesh
- Good cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 1400 – 1600 centipoise
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21014 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 01/17/2019

Technical Data Sheet

KS-21006

Sandpaper Screen UV Coating



Product Description

KS-21006 is a gloss UV coating that provides a sandpaper feel upon printing over multiple types of ink on paper or paperboard substrates. KS-21006's effect can be accentuated by increasing the amount of coating applied. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Textured or Sandpaper feel with excellent gloss
- Excellent cure response
- Multiple application methods for desired effect
- Not considered imprintable, foil-stampable, glueable, etc.
- MUST BE MIXED PRIOR TO AND WHILE USING

Physical Properties

- Viscosity 40 - 45 sec. #4 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

*** KS-21006 contains a dry material at a small micron size that could cause increased wear of printing application materials; such as doctor blades, anilox rollers, pumps, etc., or cause other performance issues typically associated with coatings containing dry/abrasive types of material. For this reason, [Kustom Group accepts no liability](#) for the use of KS-21006 and recommends extensive testing and care be used when running KS-21006 to minimize these conditions. KS-21006 should be evaluated in the laboratory using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some ink systems. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 01/17/2019

Technical Data Sheet

KS-21020

Grit Screen UV Coating



Product Description

KS-21020 is a UV coating that provides a grit, sandpaper feel upon printing over multiple types of ink on paper or paperboard substrates. KS-21020's effect can be accentuated by increasing the amount of coating applied. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Textured or Sandpaper feel with excellent gloss
- Excellent cure response
- Multiple application methods for desired effect
- Not considered imprintable, foil-stampable, glueable, etc.
- MUST BE MIXED PRIOR TO AND WHILE USING

Physical Properties

- Viscosity 22 - 26 sec. #5 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

*** KS-21020 contains a dry material at a small micron size that could cause increased wear of printing application materials; such as doctor blades, anilox rollers, pumps, etc., or cause other performance issues typically associated with coatings containing dry/abrasive types of material. For this reason, [Kustom Group accepts no liability](#) for the use of KS-21020 and recommends extensive testing and care be used when running KS-21020 to minimize these conditions. KS-21020 should be evaluated in the laboratory using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some ink systems. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 01/19/2019

Technical Data Sheet

KS-21019

Screen Stippled Matte UV Coating



Product Description

KS-21019 is a matte UV coating providing extremely low gloss and a textured feel when applied silkscreen over multiple types of ink on paper or paperboard substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Textured feel
- 280 – 305 mesh recommended for best effect
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.
- MUST BE MIXED PRIOR TO AND WHILE USING

Physical Properties

- Viscosity 21 - 25 sec. #5 Zahn
- Specific Gravity 1.07
- Solids > 99%

End Use Considerations

*** KS-21019 contains a dry material at a small micron size that could cause increased wear of printing application materials; such as doctor blades, anilox rollers, pumps, etc., or cause other performance issues typically associated with coatings containing dry/abrasive types of material. For this reason, [Kustom Group accepts no liability](#) for the use of KS-21019 and recommends extensive testing and care be used when running KS-21019 to minimize these conditions. KS-21019 should be evaluated in the laboratory using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some ink systems. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

Certain precautions should be taken when handling this product. Please refer to the Safety Data Sheet (SDS) for further details. This product contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed. Consult the SDS for appropriate equipment prior to using this or any other materials referred to in this Technical Data Sheet.

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DATE REVISED: 01/17/2019

Technical Data Sheet

KS-21018

Screen Rubber Feel UV Coating



Product Description

KS-21018 is recommended as a high gloss UV coating formulated to provide a high slide angle and rubber feel. Typical applications lower mesh screen for paper, paperboard and various non-porous substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity
- Excellent cure response
- High slide angle
- Considered imprintable, foil-stampable, glueable, etc. (recommend testing first)

Physical Properties

- Viscosity 30 - 40 sec. #3 Zahn
- Specific Gravity 1.12
- Solids > 99%

End Use Considerations

KS-21018 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 01/18/2019

Technical Data Sheet

KS-21088

Soft Touch Screen Matte UV Coating



Product Description

KS-21088 is a non-water containing UV curable matte coating recommended for use as a soft-touch tactile coating. KS-21088 does NOT contain water and will cure and protect like a standard matte UV coating. KS-21088 can be applied inline or offline over dry ink via rotary or flatbed screen. Typical applications include various paper, paperboard and non-porous substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Standard application amounts typically provide the best feel
- Low thixotropy
- Excellent cure response
- UV coatable, cold-foil stampable and hot gluable

Physical Properties

- Viscosity 18 - 22 sec. #3 Zahn
- Specific Gravity 1.07
- VOC <1%

End Use Considerations

KS-21088 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 10/08/2018

Technical Data Sheet

KS-21025

Metallic Gold Glitter Screen UV Coating



Product Description

KS-21025 is a UV coating containing a highly reflective gold glitter for application to paper and paperboard substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good gloss with a smooth finish
- Recommended specifically for 45 - 60 mesh
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 20 – 25 sec. #5 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21025 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 06/28/2018

Technical Data Sheet

KS-21026

Metallic Silver Glitter Screen UV Coating



Product Description

KS-21026 is a UV coating containing a highly reflective silver glitter for application to paper and paperboard substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good gloss with a smooth finish
- Recommended specifically for 45 - 60 mesh
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 20 – 25 sec. #5 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21026 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 06/28/2018

Technical Data Sheet

KS-21027

Metallic Holographic Glitter
Screen UV Coating



Product Description

KS-21027 is a UV coating containing a highly reflective holographic glitter for application to paper and paperboard substrates. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Good gloss with a smooth finish
- Recommended specifically for 45 – 60 mesh
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 20 – 25 sec. #5 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

KS-21027 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 06/28/2018

Technical Data Sheet

KS-21012

Screen Sparkle UV Coating



Product Description

KS-21012 is formulated as a Sparkle Effect UV coating for use in the screen area. Typical applications include paper and paperboard substrates where a sparkle effect with very high gloss, good blocking and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Excellent gloss and clarity with a sparkle effect
- Higher screen volumes will produce the best effect with a maximum of 305 mesh recommended
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 40 - 45 sec. #4 Zahn
- Specific Gravity 1.11
- Solids > 99%

End Use Considerations

MIX WELL BEFORE AND WHILE USING as pigment in KS-21012 will settle.

KS-21012 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

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DATE REVISED: 01/18/2019

Technical Data Sheet

KS-21030

Screen Gold Green Blue Color Travel
UV Coating



Product Description

KS-21030 is formulated with a color changing effect pigment to be used as a special effect UV coating for screen application over energy cured flexo and offset ink, or dry oil base sheetfed ink. Typical applications include commercial sheetfed printing on paper and paperboard substrates as well as certain films for flexo printing. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Highest pigment concentration for intense color changes on the angle viewed and underlying graphics
- Excellent cure response
- Not imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 30-35 sec. #5 Zahn
- Specific Gravity 1.18
- Solids > 99%

End Use Considerations

KS-21030 contains an effect pigment that will settle. Care needs to be taken to ensure the pigment stays in suspension by mixing thoroughly before and during press runs. KS-21030 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

Certain precautions should be taken when handling this product. Please refer to the Safety Data Sheet (MSDS) for further details. This product contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed. Consult the MSDS for appropriate equipment prior to using this or any other materials referred to in this Technical Data Sheet.

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DATE REVISED: 01/18/2019

Technical Data Sheet

KS-21031

Screen Green Red Orange Color Travel UV Coating



Product Description

KS-21031 is formulated with a color changing effect pigment to be used as a special effect UV coating for screen application over energy cured flexo and offset ink, or dry oil base sheetfed ink. Typical applications include commercial sheetfed printing on paper and paperboard substrates as well as certain films for flexo printing. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Highest pigment concentration for intense color changes on the angle viewed and underlying graphics
- Excellent cure response
- Not imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 30-35 sec. #5 Zahn
- Specific Gravity 1.18
- Solids > 99%

End Use Considerations

KS-21031 contains an effect pigment that will settle. Care needs to be taken to ensure the pigment stays in suspension by mixing thoroughly before and during press runs. KS-21031 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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DATE REVISED: 09/08/2017

Technical Data Sheet

KS-21021

Pearlescent Screen UV Coating



Product Description

KS-21021 is formulated with a pearlescent effect pigment to be used as a special effect UV coating for screen application over energy cured flexo and offset ink, or dry oil base sheetfed ink. Typical applications include commercial sheetfed printing on paper and paperboard substrates as well as certain films for flexo printing. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Silver/White pearl effect
- Excellent cure response
- Not imprintable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity 20 - 24 sec. #5 Zahn
- Specific Gravity 1.18
- Solids > 99%

End Use Considerations

KS-21021 contains an effect pigment that will settle. Care needs to be taken to ensure the pigment stays in suspension by mixing thoroughly before and during press runs. KS-21021 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

Storage and Handling Information

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