

**CONFIDENTIAL**  
**SPECIFICATION SHEET**



MATERIAL NUMBER  
25360727698

Creation date	31-Aug-13	Modification date	1-Mar-16	Revision Number	2
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Approved by Methods/NPI		Approved by Quality Assurance	
Name	Stan Dixon	Name	Charles "Dusty" Faulk
Date	4 February 2016	Date	4 Feb 2016
Signature		Signature	

**1.0 SAP Description**

PKT DESI PAK@ 1/3U T2 CP 27X89 700/PP

**2.0 General characteristics**

Drawing reference	Not Applicable		
Print plate reference	D27C		
Materials	Bentonite Clay	DMF Reference	2880
	Crepe	(Written request required for DMF number access.)	
	Ink		

**3.0 Product criteria**

Adsorption Capacity	≥ 5.70 g/u at 25 °C, 40% relative humidity
Residual Moisture	≤ 3.00%
Net Weight	11.00 grams (+/- 5%)
Dimensions	27 mm (+/- 6mm) x 89 mm (+/- 6mm)
	Contents meets or exceeds the specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container	700 packets sealed in a plastic pail.
Palletization	48 plastic pails per new heat treated pallet (48x40).

**5.0 Labels**

Minimum information on packaging and pallet labels	Manufacturers name
	Material number
	SAP Material description
	Batch number
	Quantity

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Creation date	31-Aug-13	Modification date	1-Mar-16	Revision Number	2
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**6.0 Shelf life/Retesting period**  
3 years from date of manufacture.

**7.0 General specifications AQL**  
GS-PC-0  
\* If a quality agreement is validated, the agreement supercedes general specifications.

**8.0 Additional information**  
One humidity indicating card in each pail.

**9.0 Revision Notes**  
Rev 1 (August 31, 2013-scd):  
New Format  
Rev 2 (March 1, 2016-scd):  
Replaced Internal Reference with DMF Reference in section 2.0.  
Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.  
Revised General Specification from CDC 30-1 to GS-PC-0 in section 7.0.

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**CONFIDENTIAL**  
**SPECIFICATION SHEET**



MATERIAL NUMBER  
25421927698

Creation date	31-Aug-16	Modification date	4-Aug-17	Revision Number	4
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Approved by Methods/D&A		Approved by Quality Assurance	
Name	Gail Spencer-Arrieta	Name	Jackie Montano
Date	<i>Aug 14, 2017</i>	Date	<i>11 Aug - 17</i>
Signature	<i>Gail Spencer-Arrieta</i>	Signature	<i>Jackie Montano</i>

**1.0 SAP Description**

BAG DESI PAK® ½U T2 CP-528 3X3¼ 550/PP

**2.0 General characteristics**

Drawing reference	Not Applicable
Print plate reference	528E
Materials	Bentonite Clay Crepe Ink

**3.0 Product criteria**

Adsorption Capacity	≥ 5.70 g/u at 25° C, 40% relative humidity
Residual Moisture	≤ 3.00%
Net Weight	16.5 grams (+/- 5%)
Dimensions	3" (+1/4" – 3/4") x 3 1/4" (+/- 1/4")

Contents meet or exceed the specifications of Mil-D-3464.

**4.0 Packaging**

Number of parts per container	550 bags sealed in a plastic pail. One humidity indicating card in each pail.
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Palletization	48 plastic pails per pallet (48x40).
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**5.0 Labels**

Minimum information on packaging and pallet labels	Manufacturers name Material number SAP Material description Batch number Quantity
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**6.0 Shelf life/Retesting period**

2 years from date of manufacture

**7.0 General specifications AQL**

GS-B-1

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25421927698

Creation date	31-Aug-16	Modification date	4-Aug-17	Revision Number	4
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\* If a quality agreement is validated, the agreement supercedes general specifications.

#### 8.0 Additional information

For usage recommendations, reference General Specification.

#### 9.0 Revision Notes

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (March 17, 2016-gsa):

Format change from Clariant Plastics & Coatings USA to Clariant Corporation in header.

Removed internal reference in section 2.0

Removed 80% RH adsorption capacity specification in 3.0.

Corrected statement from "Package and contents.." to "Contents meet or exceed specifications of Mil-D-3464" in 3.0.

Corrected shelf life from 3 years to 2 years from date of manufacture.

Rev 4 (August 4, 2017-gsa):

Updated General Specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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MATERIAL NUMBER  
**25424127696**

Creation date	31-Aug-13	Modification date	12-May-17	Revision Number	4
Approved by Methods/D&A			Approved by Quality Assurance		
Name	Gail Spencer-Arrieta		Name	Jackie Montano	
Date	May 22, 2017		Date	22-May-2017	
Signature	<i>Gail Spencer - Arrieta</i>		Signature	<i>Jackie Montano</i>	

**1.0 SAP Description**

BAG DESI PAK® 1U T2 CP-550 3X4½ 1300/D

**2.0 General characteristics**

Drawing reference                      Not Applicable

Print plate reference                      550D

Materials                                      Bentonite Clay  
Crepe  
Ink

**3.0 Product criteria**

Adsorption Capacity                      ≥ 5.70 g/u at 25 °C, 40% relative humidity

Residual Moisture                         ≤ 3.00%

Net Weight                                  33.0 grams (+10% - 5%)

Dimensions                                 3" (+1/4" - 3/4") x 4 1/2" (+/- 1/4")

Package and contents meet or exceed the specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container            1,300 bags sealed in a drum.  
One humidity indicating card in each drum.

Palletization                                 5 drums per pallet (48X40).

**5.0 Labels**

Minimum information on packaging and pallet labels            Manufacturers name  
Material number  
SAP Material description  
Batch number  
Quantity

**6.0 Shelf life/Retesting period**

5 years from date of manufacture.

**7.0 General specifications AQL**

GS-B-1

\* If a quality agreement is validated, the agreement supercedes general specifications.

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MATERIAL NUMBER  
25424127696

Creation date	31-Aug-13	Modification date	12-May-17	Revision Number	4
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**8.0 Additional information**

For usage recommendations, reference General Specification.

**9.0 Revision Notes**

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (March 29, 2016-gsa):

Format change from Clariant Plastics & Coatings to Clariant Corporation in header.

Removed internal reference in 2.0.

Updated print plate reference from 550C to 550D in 2.0.

Rev 4 (May 12, 2017-gsa):

Updated General Specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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MATERIAL NUMBER  
**25424127698**

Creation date	31-Aug-13	Modification date	23-May-17	Revision Number	4
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Approved by Methods/D&A		Approved by Quality Assurance	
Name	Gail Spencer-Arrieta	Name	Jackie Montano
Date	May 25, 2017	Date	15-May-17
Signature	<i>Gail Spencer Arrieta</i>	Signature	<i>Jackie Montano</i>

**1.0 SAP Description**

BAG DESI PAK® 1U T2 CP-550 3X4½ 300/PP

**2.0 General characteristics**

Drawing reference                      Not Applicable

Print plate reference                      550D

Materials                                      Bentonite Clay  
Crepe  
Ink

**3.0 Product criteria**

Adsorption Capacity                      ≥ 5.70 g/u at 25 °C, 40% relative humidity

Residual Moisture                         ≤ 3.00%

Net Weight                                  33.0 grams (+10% - 5%)

Dimensions                                  3" (+1/4" - 3/4") x 4 1/2" (+/- 1/4")

   Contents meets or exceeds specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container            300 bags sealed in plastic pail. One humidity indicating card in each pail.

Palletization                                 48 plastic pails per pallet (48x40).

**5.0 Labels**

Minimum information on packaging and pallet labels            Manufacturers name  
Material number  
SAP Material description  
Batch number  
Quantity

**6.0 Shelf life/Retesting period**

2 years from date of manufacture

**7.0 General specifications AQL**

GS-B-1

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MATERIAL NUMBER  
25424127698

Creation date	31-Aug-13	Modification date	23-May-17	Revision Number	4
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**8.0 Additional information**

For usage recommendations, reference General Specification.

**9.0 Revision Notes**

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (March 29, 2016-gsa):

Format change from Clariant Plastics & Coatings USA Inc to Clariant Corp in header

Updated print plate from 550C to 550D in 2.0.

Removed internal reference in 2.0.

Corrected statement from "Package and contents.." to "Contents meets or exceeds specifications of Mil-D-3464" in 3.0.

Corrected shelf life from 3 years to 2 years from date of manufacture in 6.0.

Rev 4 (May 23, 2017-gsa):

Updated general specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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MATERIAL NUMBER  
25425127696

Creation date	31-Aug-13	Modification date	20-Dec-16	Revision Number	3
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Approved by Methods/D&A		Approved by Quality Assurance	
Name	Gail Spencer-Arrieta	Name	Jackie Montano
Date	<i>Jan 10, 2017</i>	Date	<i>10-Jan-17</i>
Signature	<i>Gail Spencer-Arrieta</i>	Signature	<i>Jackie Montano</i>

**1.0 SAP Description**

BAG DESI PAK® 2U T2 CP-623 3X6½ 800/D

**2.0 General characteristics**

Drawing reference                      Not Applicable

Print plate reference                      623B

Materials                                      Bentonite Clay  
Crepe  
Ink

**3.0 Product criteria**

Adsorption Capacity                      ≥ 5.70 g/u at 25 °C, 40% RH

Residual Moisture                        ≤ 3.00%

Net Weight                                  66.0 grams (+/- 5%)

Dimensions                                 3" (+ 1/4" - 3/4") x 6 1/2" (+/- 1/4")

Package and contents meet or exceed the specifications of Mil-D-3464

**4.0 Packaging**

Number of parts per container            800 bags sealed in a drum.  
One humidity indicating card per drum.

Palletization                                5 drums per pallet (48X40).

**5.0 Labels**

Minimum information on packaging and pallet labels            Manufacturers name  
Material number  
SAP Material description  
Batch number  
Quantity

**6.0 Shelf life/Retesting period**

5 years from date of manufacture.

**7.0 General specifications AQL**

GS-B-1

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SPECIFICATION SHEET



MATERIAL NUMBER  
25425127696

Creation date	31-Aug-13	Modification date	20-Dec-16	Revision Number	3
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**8.0 Additional information**

For usage recommendations, reference General Specification.

**9.0 Revision Notes**

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (December 20, 2016-gsa):

Removed internal reference in 2.0.

Updated General Specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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MATERIAL NUMBER  
25425127698

Creation date	31-Aug-13	Modification date	19-Jul-17	Revision Number	4
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Approved by Methods/D&A		Approved by Quality Assurance	
Name	Gail Spencer-Arrieta	Name	Jackie Montano
Date	July 19, 2017	Date	19-Jul-17
Signature	<i>Gail Spencer-Arrieta</i>	Signature	<i>Jackie Montano</i>

**1.0 SAP Description**

BAG DESI PAK® 2U T2 CP-623 3X6½ 150/PP

**2.0 General characteristics**

Drawing reference                      Not Applicable

Print plate reference                      623B

Materials                                      Bentonite Clay  
Crepe  
Ink

**3.0 Product criteria**

Adsorption Capacity                      ≥ 5.70 g/u at 25 °C, 40% relative humidity

Residual Moisture                         ≤ 3.00%

Net Weight                                  66.0 grams (+/- 5%)

Dimensions                                 3"(+ 1/4" – 3/4") x 6 1/2" (+/- 1/4").  
Contents meet or exceed the specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container            150 bags sealed in plastic pail.  
One humidity indicating card in each pail.

Palletization                                48 plastic pails per pallet (48x40).

**5.0 Labels**

Minimum information on packaging and pallet labels      Manufacturers name  
Material number  
SAP Material description  
Batch number  
Quantity

**6.0 Shelf life/Retesting period**

2 years from date of manufacture

**7.0 General specifications AQL**

GS-B-1

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MATERIAL NUMBER  
25425127698

Creation date	31-Aug-13	Modification date	19-Jul-17	Revision Number	4
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\* If a quality agreement is validated, the agreement supercedes general specifications.

### 8.0 Additional information

For usage recommendations, reference General Specification.

### 9.0 Revision Notes

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (March 31, 2016-gsa):

Removed internal reference in 2.0.

Changed statement from "Package and contents..." to "Contents meet or exceed the specifications of Mil-D-3464" in 3.0.

Corrected shelf life from 3 years to 2 years from date of manufacture.

Rev 4 (July 19, 2017-gsa):

Updated General Specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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MATERIAL NUMBER  
**25425427696**

Creation date	31-Aug-13	Modification date	26-Jan-17	Revision Number	3
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Approved by Methods/D&A		Approved by Quality Assurance	
Name	Gail Spencer-Arrieta	Name	Jackie Montano
Date	<i>Jan 26, 2017</i>	Date	<i>26-Jan-17</i>
Signature	<i>Gail Spencer-Arrieta</i>	Signature	<i>Jackie Montano</i>

**1.0 SAP Description**

BAG DESI PAK® 4U T2 CP-523 5X5.5 500/D

**2.0 General characteristics**

Drawing reference	Not Applicable
Print plate reference	523E
Materials	Bentonite Clay Crepe Ink

**3.0 Product criteria**

Adsorption Capacity	≥ 5.70 g/u at 25 °C, 40% relative humidity
Residual Moisture	≤ 3.00%
Net Weight	132.0 grams (+/- 10%)
Dimensions	5" (+1/4" - 3/4") x 5 1/2" (+/- 1/4")

Package and contents meets or exceeds the specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container	500 bags sealed in a drum. One humidity indicating card in each drum.
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Palletization	5 drums per pallet (48X40).
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**5.0 Labels**

Minimum information on packaging and pallet labels	Manufacturers name Material number SAP Material description Batch number Quantity
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**6.0 Shelf life/Retesting period**

5 years from date of manufacture.

**7.0 General specifications AQL**

GS-B-1

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MATERIAL NUMBER  
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Creation date	31-Aug-13	Modification date	26-Jan-17	Revision Number	3
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**8.0 Additional information**

For usage recommendations, reference General Specification.

**9.0 Revision Notes**

Rev 1 (August 31, 2013-scd):

New Format

Rev 2 (March 1, 2016-scd):

Replaced Internal Reference with DMF Reference in section 2.0.

Changed "<" and ">" symbols to "≤" and "≥" in section 3.0.

Revised General Specification from BAG - Process and Control / Defect List 03/1 to GS-B-0 in section 7.0.

Rev 3 (January 26, 2017-gsa):

Removed internal reference in 2.0.

Corrected weight tolerance from (+/- 5%) to (+/- 10%) in 3.0.

Updated General Specification from GS-B-0 to GS-B-1 in 7.0.

Moved packaging information from 8.0 to 4.0.

Referenced usage recommendations in 8.0.

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Belen, NM 87002  
USA  
Tel: +1 505 244 7100  
Fax: +1 505 244 7123



MATERIAL NUMBER  
**25639227698**

Creation date	31-Aug-13	Modification date	10-Feb-14	Revision Number	2
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Approved by Methods/NPI		Approved by Quality Assurance	
Name	Stan Dixon	Name	Charles "Dusty" Faulk
Date	10-Feb-14	Date	10-Feb-14
Signature		Signature	

**1.0 SAP Description**

PKT DESI PAK® 1/6U CP 27X62 1200/PP NHT

**2.0 General characteristics**

Drawing reference	Not Applicable		
Print plate reference	D27B		
Materials	Bentonite CLAY	Internal Reference	121-01
	Ink		
	CREPE		

**3.0 Product criteria**

Adsorption Capacity	> 16.00% at 25 °C, 80% relative humidity
Adsorption Capacity	> 5.70 g/u at 25 °C, 40% relative humidity
Residual Moisture	< 3.00%
Net Weight	5.50 grams (+/- 5%)
Dimensions	27mm (+/- 6mm) x 62mm (+/- 6mm)
	Contents meets or exceeds specifications of MIL-D-3464

**4.0 Packaging**

Number of parts per container	1,200 packets sealed in plastic pail.
Palletization	48 plastic pails per new heat treated pallet (48x40).

**5.0 Labels**

Minimum information on packaging and pallet labels	Manufacturers name
	Material number
	SAP Material description
	Batch number
	Quantity

**CONFIDENTIAL**  
**SPECIFICATION SHEET**

CLARIANT CORPORATION  
101 Christine Drive  
Belen, NM 87002  
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Tel: +1 505 244 7100  
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MATERIAL NUMBER  
**25639227698**

Creation date	31-Aug-13	Modification date	10-Feb-14	Revision Number	2
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**6.0 Shelf life/Retesting period**  
3 years from date of manufacture.

**7.0 General specifications AQL**  
CDC 30-1  
\* If a quality agreement is validated, the agreement supercedes general specifications.

**8.0 Additional information**  
One humidity indicating card in each pail.

**9.0 Revision Notes**  
Rev 1 (August 31, 2013-scd):  
New Format  
Rev 2 (February 10, 2014-scd):  
Corrected SAP Description in section 1.0.

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