

# CONFIDENTIAL

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**SÜD-CHEMIE**  
Creating Performance Technology



ISO 9001 Certified

<b>Product Description:</b> PKT SORB-IT <sup>®</sup> 3/4G G2 16X41 5K/P	<b>Issue Date</b> June 3, 2004	<b>Material Number</b> 4187
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> June 3, 2004	<b>Revision</b> 007

## 1.0 Title

PKT SORB-IT<sup>®</sup> 3/4G G2 16X41 5K/P

## 2.0 Components

- 2.1 Fill Contents: Silica Gel - 0.75 gram +/- 10% (average of 10)
- 2.2 Paper: GDT II (non-woven, heat sealable polyester and polypropylene fibers)
- 2.3 Polyliner: 4 mil
- 2.4 Humidity indicating card (3-spot)
- 2.5 Container: 5 gallon metal pail with gasket and lid and locking ring

## 3.0 Assembly

Fill each packet with silica gel (ref. 2.1). Form individual packets to 16 mm x 41 mm +/- 2 mm. Print stock copy (blue) on GDT II using print plate # S16N-A.

## 4.0 Packing

5,000 packets per pail, sealed in a polyliner with the humidity indicating card placed on top of the packets, then twist tied with a wire tie. Contents sealed in a pail.

## 5.0 Label Markings

- 5.1 Customer Address
- 5.2 Customer Order Number
- 5.3 Product Code
- 5.4 Product Description
- 5.5 Quantity
- 5.6 Customer Part or Item Number if applicable
- 5.7 Product Lot Number

## 6.0 Product Performance Criteria

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## Typical Protective Packaging Application Adsorption Capacity Performance Data

Relative Humidity at 25°C	Desi Pak <sup>®</sup> Clay (%)	Sorb-It <sup>®</sup> Silica Gel (%)
5	5.5	3.4
10	9.6	6.9
15	12.6	10.3
20	14.8	13.6

- 6.1 Adsorption Capacity:  $\geq 16.00\%$  at 25 ° C, 80% relative humidity
- 6.2 Residual Moisture:  $\leq 3.0\%$
- 6.3 Net Weight: 0.75 grams +/- 10%, average of 10 packets
- 6.4 Dimensions: 16 mm x 41 mm +/- 2 mm

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Reason for Revision 001 (December 15, 1995):

1. Change print plate to #8-A.

Reason for Revision 002 (March 4, 1997):

1. Update print plate number in 3.0.

Reason for Revision 003 (September 20, 1999):

1. Change from product code 11075310 to Material Number 4187.
2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 004 (March 25, 2002-EMK):

1. Changed description, 1.0, and 3.0 to reflect current nomenclature.

Reason for Revision 005 (April 11, 2002-EMK)

1. Changed description, and 1.0 to reflect current nomenclature.

Reason for Revision 006 July 11, 2002

Product performance capacity data added at different relative humidities.

Reason for Revision 007 (June 3, 2004-ngc):

1. Changed print plate reference in 3.0 from "#8" to "# S16N-A" to reflect current practice.
2. Upgraded ISO reference in header to "9001".