

Poly Lam Products, Corp  
80 Earhart Drive  
Williamsville, NY 14221  
Phone: (716) 633-1977  
Fax: (716) 633-2007

**SÜD-CHEMIE**  
Creating Performance Technology



ISO 9002 Certified

<b>Product Description:</b> PKT SORB-IT <sup>®</sup> 1/4G G2 16X25 10K/P	<b>Issue Date</b> August 26, 2002	<b>Material Number</b> 4168
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> August 26, 2002	<b>Revision</b> 011

**1.0 Title**

PKT SORB-IT<sup>®</sup> 1/4G G2 16X25 10K/P

**2.0 Components**

- 2.1 Fill Contents - Silica Gel - 0.25 gram +/- 10% (average of 10)
- 2.2 Film - GDT-II (non-woven polyester/polypropylene)
- 2.3 Polyliner - 4 mil
- 2.4 Humidity indicating card (3-spot)
- 2.5 Container: 5 gallon 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 25 mm +/- 2 mm. Print (blue) stock Sorb-It<sup>®</sup> copy. Print plate #S16N-A.

**4.0 Packing**

10,000 packets per polyliner, sealed in a barrier bag with the humidity indicating card placed on the top of the packets, then twist tied using 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

Poly Lam Products, Corp.  
80 Earhart Drive  
Williamsville, NY 14221  
Phone: (716) 633-1977  
Fax: (716) 633-2007

**SÜD-CHEMIE**  
Creating Performance Technology



ISO 9002 Certified

<b>Product Description:</b> PKT SORB-IT <sup>®</sup> 1/4G G2 16X25 10K/P	<b>Issue Date</b> August 26, 2002	<b>Material Number</b> 4168
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> August 26, 2002	<b>Revision</b> 011

**6.0 Product Performance Criteria**

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:  $\geq 16\%$  at 25 C at 80% relative humidity using QA manual procedure #500.
- 6.2 Residual Moisture:  $\leq 3.0\%$  using QA manual procedure #502.
- 6.3 Net Weight: 0.25 grams +/- 10% average of 10
- 6.4 Dimensions: 16 mm x 25 mm +/- 2 mm

Reason for Revision 001:

- 1. Included test procedure references to 6.1 and 6.2.

Reason for Revision 002:

- 1. Change print plate number from #1 to #1-A.

Reason for Revision 003:

- 1. Change packet size to 16 mm x 33 mm +/- 2mm

Reason for Revision 004 (August 9, 1996):

- 1. Dimensions changed in error. Packet size changed back to 16 mm x 25 mm +/- 2 mm

Reason for Revision 005 (March 25, 1997):

- 1. Update print plate number in 3.0.
- 2. Add revision dates.

Reason for Revision 006 (September 14, 1999):

# CONFIDENTIAL

Poly Lam Products, Corp.  
80 Earhart Drive  
Williamsville, NY 14221  
Phone: (716) 633-1977  
Fax: (716) 633-2007

**SÜD-CHEMIE**  
Creating Performance Technology



ISO 9002 Certified

<b>Product Description:</b> PKT SORB-IT <sup>®</sup> 1/4G G2 16X25 10K/P	<b>Issue Date</b> August 26, 2002	<b>Material Number</b> 4168
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> August 26, 2002	<b>Revision</b> 011

- 
1. Change from product code 11025310 to Material Number 4168.
  2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 007 (May 25, 2001-ngc)

1. Changed print plate from 1-B to 1-C.

Reason for Revision 008 (March 25, 2002-EMK):

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

Reason for Revision 009 (April 11, 2002-EMK)

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

Reason for Revision 010 July 11, 2002

Product performance capacity data added at different relative humidities.

Reason for Revision 011 (August 26, 2002-ngc):

1. Changed print plate from #1 to #S16N-A in 3.0.