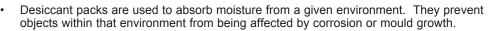


Per International Electrotechnical Commission CLC/TR 61340-5-2 User guide Packaging clause 4.8.3.2.2 Temperature...it is important to take possible temperature exposure into account when shipping electronic parts. It is particularly important to consider what happens to the interior of a package if the environment has high humidity. If the temperature varies across the dew point of the established interior environment of the package, condensation may occur. The interior of a package should either contain desiccant or the air should be evacuated from the package during the sealing process. The package itself should have a low WVTR."

Desi Pak® is a registered trademark of Süd-Chemie.



- They are especially useful when used in conjunction with <u>Moisture Barrier Bags</u> and <u>Humidity Indicator Cards</u> whenever moisture control is a critical factor in the packaging of electrostatic sensitive devices.
- They are supplied ready for use and do not require activating.
- If left outside a closed/sealed container for any length of time, eg: lying on a work bench, they
  will absorb all the moisture it can from the atmosphere and eventually will become saturated.
- When using desiccant packs they should be left in the sealed polybag as supplied until required for use. The polybag should only be opened to remove the packs required and then resealed as soon as possible. It is recommended that opened polybags are put into an airtight metal or plastic drum or pail.
- It is recommended that packs are left in the open atmosphere for not longer than 15 seconds.
- Desiccant packs are supplied in strong polybags in cartons. Desiccant in bags can be regenerated. See detailed <u>method</u>.
- Meets Mil D-3464E, DIN55473A & B and Afnor 003211 requirements.
- Formula to calculate required weight of absorbent in gr: W=11ARM where A = area in m<sup>2</sup> of bag, R=MVTR (Moisture Vapour Transmission Rate) of the barrier film in g/m<sup>2</sup> 24h (at rH and temperature pertinent to your application) and M is maximum transit and storage time in months. Applies in temperate climates only.

Item	Description
<u>204518</u>	Desiccant, 1/2 Unit (10g) 65 x 80mm, Pack of 780
<u>204519</u>	Desiccant, 1 Unit (25g) 50 x 101mm, Pack of 350



Unless otherwise noted, tolerance ± 10%

Specifications and procedure subject to change without notice.



VERMASO

UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH, HERTS, SG6 2TD UK PHONE: +44 (0) 1462-672005

E-MAIL: Service@Vermason.co.uk, INTERNET: Vermason.co.uk

**Drawing Number** 204518

DATE: April 2013

Vermason

**Material Safety Data** 

April 1, 2013

Chemical Family: Clay mineral

Calcium Aluminosilicate

**Physical Data:** 

**Appearance:** Grey granules (Max. 6/7mm)

Melting point:n/aSolubility in water:InsolubleBulk Density:57-64lbs/cu.ft

**Health Hazard Information** 

This product contains less than 2% crystalline quartz (CAS 14808-60-7) but is in granular form and packed in bags for use as a desiccant. Therefore, no exposure to quartz dust is anticipated under normal use conditions.

**Ingestion:** Large amount could cause

intestinal disorders

If large amounts have been ingested, seek medical attention. Treat

symptomatically. Milk and fatty acids

should be avoided.

**Inhalation:** Prolonged inhalation may

cause irritation to upper respiratory tract - lung damage.

Remove to fresh air immediately.

Seek medical attention.

Contact with skin:

Prolonged or repeated skin contact in the absence of

proper hygiene may result in

sult in develops.

irritation.

**Contact with eyes:** Contact with eye tissue may

result in irritation.

Irrigate eyes for a minimum of 15 minutes, lifting upper and lower eyelids occasionally. Seek prompt medical

Wash with soap and water. Seek medical

attention, if irritation or inflammation

attention.

TWAs for Si 02

CAS No. 14808-60-7

0.4mgm -3 (8 hours)

Fire & Explosion:

Fire & Explosion

Hazard: Negligible When exposed to heat, flame or reaction with

incompatible substances.

Flash point: Non-flammable

Fire-fighting media:

Water spray fog or foam are the

preferred methods

**Storage Precautions:** 

Store in a dry place below 46°C away from a heat source. Keep in a tightly closed container. Protect container from physical damage Always reseal container and protective

moisture barrier liner after use.

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