Product Name: Thread Seal 55 (50 & 150m)
Product Code(s): SEL37372, SEL31899

Product Description

Threadseal 55 is a general purpose threaded pipe sealant. It is a non-curing coated multifilament thread, which is wound from the dispensing package onto the threads of the pipe. The product is supplied in handy containers, which serve for both storage and dispensing purposes. This product has potable water and gas approval (KTW & DVGW, Germany and BS, Great Britain) and provides instant seal immediately after assembly.

Typical Applications

Sealing threaded components (ISO 7/1) such as pipe couplings and fittings, with either parallel or tapered threads against aqueous and non-aqueous fluids up to a temperature of 130° C. Particularly suitable in situations where threaded assemblies are required to be ready for immediate use and may undergo small readjustments before use. Recommended for use on fittings up to 6” O.D.

Storage

The containers should be kept sealed until use. For long term storage purposes the containers should be stored in a cool, dry location between 8° C - 21° C (46° F - 70° F). For further specific shelf-life information, contact your local Technical Service Centre.

Material Properties

Basic Composition

Pre-coated multifilament thread

Chemical Type  Thread:PA
Coating: Inert proprietary paste

Appearance  White

Product Performance

Approval tests according to EN 751-2 for a class ARp compound

Section Description  Result
7.2.1.2. Soundness Test  No Leaks
7.2.1.3. Soundness Test after 45° joint adjustment  No Leaks
7.2.1.4. Resistance to gas condensates  No Leaks
7.2.1.5. Hot water resistance test  No Leaks
7.2.1.6. Temperature cycling test  No Leaks
7.2.1.7. Vibration test  No Leaks
7.2.2. Compatibility with foam forming leak tester  Passed
7.2.3. Test of hardening and dismantling  Passed

Typical Environmental Resistance

Resistant against family gases 1st, 2nd, 3rd cold and hot water
General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidising materials.

Approvals

This product has been tested and conforms to EN 751-2 for a class ARp compound which forms the basis for DBGW approval (Certificate No. AZ: 98/250/5142/1 and has been approved for use in potable water pipe fittings and connections by the KTW for cold and hot water. It also has potable water approval to BS 6920. Copies of the approval certificates can be obtained through your local Technical Service Centre.

Directions for use

The fibre is wound onto the pipe threads in the same direction as the thread helix starting from the end of the pipe. For optimum function the grooves of the threads should be filled without completely masking the points of the thread. The fibre can be cut to length using the splice on the lid of the container. The fibre is spiral wound in the container and will unwind without snagging for simple dispensing. Ensure that the product is applied with certain pretension. On smooth surfaces threads have to be roughened before applying Threadseal 55.

Note

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This product may be covered by one or more patents or patent applications.
Select Products
Environmental Health & Safety Affairs
Health & Regulatory Affairs - Europe

Coated Nylon Thread Pipe Sealant is an article. According to EU Directives it does not require a Safety Data Sheet
1. **Identification of the Substance/Preparation and the Company/Undertaking**

   Substance or preparation trade name: Threadseal 55  
   Unique reference numbers(s): SEL37372 (50m) / SEL31899 (150m)  
   Company name & address: Select Products Division, The Select Group of Companies Ltd, Loribon House, Aspen Way, Yalberton Industrial Estate, Paignton, Devon TQ4 7QR England.  
   Tel: +44 (0)1803 540154  Fax: +44 (0)1803 540157  web: www.selectselect.net

2. **Composition**

   Nature  Coated Nylon Thread

3. **Hazards Identification**

   N/A

4. **First aid measures**

   First Aid - Inhalation  N/A  
   First Aid - Skin  N/A  
   First Aid - Eyes  N/A  
   First Aid - Ingestion  N/A

5. **Fire fighting measures**

   This material is non-flammable but it is combustible. If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

6. **Accidental release measures**

   N/A

7. **Handling and storage**

   Handling  
   No special handling requirements.

   Storage  
   Store in cool, dry place in tightly sealed containers. Storage temperature 8 to 28 deg.C

8. **Exposure Controls**

   Good industrial hygiene practises should be observed.
Select Products - Material Safety Data Sheet

Date prepared: 17 January 2005        Date revised: 26 July 2006

9. **Physical and chemical properties**

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<th>Property</th>
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<td>Vapour Pressure (mmHg@25°C)</td>
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<td>Explosion Limits (%)</td>
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10. **Stability and reactivity**

N/A

11. **Toxicological information**

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<tr>
<td>Ingestion</td>
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12. **Ecological information**

Does not contain substances listed on the Montreal protocol

Biological and Chemical Oxygen Demands (BOD and COD) are insignificant

Precautions required with respect to Environmental Hazards of this article.

13. **Disposal Considerations**

Dispose of in accordance with local and national regulations.

Contribution of this product to waste is very insignificant in comparison to article in which it is used.

14. **Transport information**

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<td>Sea (IMO)</td>
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<tr>
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15. **Regulatory information**

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16. **Other Information**

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Prepared by: Dr. Prabhu Kulkarni FICI., FIOSH., MBIRA
Senior Chemist - Loctite Corporation
Health & Regulatory Affairs - Europe

**Supersedes Safety Data Sheet No: 012840 dated 10th June 1999**

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