

# MATERIAL SAFETY DATA SHEET

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Product Name: **SealXpert™ TS542 THREAD SEALANT**  
MSDS No: 123

Revision No: 4

Issued by : Sam  
Issue Date: 08 May 2013

## Section 1 – Company Details

**Company Name:** SealXpert™ Products

**Address:** 60 Kaki Bukit Place #09-11 Eunos Techpark  
Singapore 415979

**Tel:** +65 6742 4992/6742 4998

**Fax:** +65 6749 6916

**Email:** mailbox@sealxpert.com

## Section 2 – Composition

INGREDIENTS	CAS No	Content (Wt%)
Poly glycol Dimaethacry late	25852-47-5	40-45
Poly glycol dioctanoate	18268-70-7	20-25
Hy droxy alky l- dimethacrylate	868-77-9	20-25
Cumene Hydroperoxide	80-15-9	1-2.99
Benzosulf imide	81-07-2	0.1-1

## Section 3 – Hazards Identification

**Toxicity:** Estimated lethal dose by ingestion >5000mg/kg  
Estimated lethal dose by skin contact >2000 mg/kg

**Primary route of entry:** Not known.

**Symptoms of exposure:** May cause dermatitis to sensitive person for long time contact

**Medical conditions aggravated by exposure:** Not known

## Section 4 – First Aid Measures

**Inhalation :** N/A

**Skin :** Rinse with soap water completely.

**Eyes :** Rinse eyes immediately with clean water for at least 15 minutes and seek medical attention.

**Ingestion :** Do not induce vomiting. Seek medical attention.

## Section 5 – Fire Fighting Measures

**Flash Point and Method:** >93°C, Tagliabue closed cup

**Ignition temperature:** Not determined

**Explosive limit-upper:** Not determined

**Explosive limit-lower:** Not determined

**Danger Property:** None

**Extinguisher media:** Carbon dioxide, foam, and dry chemical.

**Special fire-fighting instructions and equipment:** As in large fire relating to chemical product, wear positive-pressure, self-contained breathing apparatus and full protective gear. Decide whether to remove or separate this area according to local urgency program.

**Harmful burnt products:** Irritant organic compound steam and carbon dioxide.

**Extinguisher media to avoid:** Not determined

## Section 6 – Accidental Release Measures

Measures in case of burst or leakage:

Wipe away the ejective material. If large quantity ejected, keep location well ventilated.

Put the residues at a well -ventilated place and allow it to become rubberlike substance.

## Section 7 – Handling and Storage

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**Handling:**      Avoid contact with eyes and skin. Avoid breathing of vapor. Use the product at well-ventilated place. Wash thoroughly after handling, and before eating, smoking or using the toilet. Keep away from spark and fire.

**Storage:**      Keep container closed. Store in original container in a dry and cool place, keep out of light; keep away from spark and fire, avoid water and moisture.

## Section 8 – Exposure Controls / Personal Protection

**Eye Protection:**                      Wear safety glasses or vented safety goggles.  
**Skin Protection:**                      Wear polyvinyl chloride (PVC) gloves.  
**Respiratory system protection:**      Use a respirator, unless there is fine ventilation equipment.

## Section 9 – Physical and Chemical Characteristics

**Appearance:**                      Purple Liquid.  
**Odor:**                                      Slight  
**PH:**                                        N/A  
**Water Solubility:**                      Slight  
**Specific Gravity:**                      1.05  
**Steam Pressure:**                      Lower than 5mm Hg@22°C  
**Steam Density:**                      N/A  
**Volatilization Velocity (Ether=1):**      N/A

## Section 10 – Stability and Reactivity

**Stability**                                  Stable  
**Hazardous polymer:**                      Will not occur  
**Incompatibility:**                      Will not occur  
**Conditions to avoid:**                      None

## Section 11 – Toxicological Information

**Health Harm:**                              Refer to section 3  
**Sensitization:**                              Not known  
**Denaturalization:**                      Not known  
**Procreation Transmissibility:**      Not known  
**Cancer:**                                      Not known  
**Other danger information:**              Unavailable

## Section 12 – Ecological Information

**Environmental Effect and Distribution:**      Reach sewage and sullage by aggradations or agglutination  
**Environmental Influence:**                      No harmful effect to hydrophily organism.  
**Biology Accumulation:**                      No biology accumulation ability

## Section 13 – Disposal Considerations

**Special Instructions:**                      Observe all federal, state and local laws and regulations.

## Section 14 – Transportation Information

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**Transportation:**     The product is non-flammable; it can be transported in normal way.

## Section 15 – Regulatory Information

**Regulation:**     Observe the governmental or local regulations to use the chemical product safely.

## Section 16 – Other Information

### **Warning to users:**

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date. Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows. The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfil his duties when using the product. This list must not be considered as exhaustive. It does not top the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.