



Title: Sonagel LTHT - MSDS

Document Number:

SQ1014

Date Effective:

21<sup>st</sup> October 2014

Revision Number:

4

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## 1: IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND THE OF THE COMPANY

**Product Name:** Sonagel LTHT

**Recommended Use:** Ultrasonic Couplant

**Company:** Sonatest Limited  
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Old Wolverton  
Milton Keynes  
MK12 5QQ  
England

**Telephone:** +44(0) 1908 316345  
**Telefax:** +44(0) 1908 321323  
**Email:** [sales@sonatest.com](mailto:sales@sonatest.com)

**Product Safety:** quality@sonatest.com

**Emergency Number:** +44(0) 7974406359

## 2: COMPOSITION AND INFORMATION ON INGREDIENTS

A blend of high boiling silicone fluid and inorganic thickening agents.

None of the component materials as listed in Chemicals (Hazard Information and Packaging for Supply) Regulations.

## 3: HAZARDS IDENTIFICATION

Possible eye irritation

## 4: FIRST AID MEASURES:

**Eyes:** Check for removal of contact lenses. Immediately flush cold running water for at least 15 minutes, keeping eyes open. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation develops. Launder contaminated clothing before reuse.

**Ingestion:** Do NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.

**Inhalation:** Product is not volatile and is considered low risk under normal use. Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical attention.

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Registered in England No. 865293



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#### 5: FIRE FIGHTING DATA:

<b>Flammability of Product:</b>	Is not flammable. Please see Special remarks on Fire Hazards below.
<b>Auto-Ignition Temperature:</b>	Not determined.
<b>Flash Point:</b>	Not applicable.
<b>Flammable Limits:</b>	Not determined.
<b>Products of Combustion:</b>	Not determined.
<b>Special Remarks on Fire Hazard:</b>	None.
<b>Fire Fighting Media and Instructions:</b>	Small Fire – Dry chemical powder Large Fire – Use water spray, fog or foam. Do not use water jet.
<b>Special Protective Equipment:</b>	Wear protective Fire Fighting gear including self-contained breathing apparatus in the positive pressure mode with full face mask, coat, gloves and boots.

#### 6: Accidental Release Measures:

<b>Small Spillage:</b>	Wear PVC or rubber gloves and goggles or face mask. Dilute with water and mop up, or absorb with inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local authority requirements.
<b>Large Spillage:</b>	Wear PVC or rubber gloves and goggles or face mask. Absorb with an inert material and put the spillage in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
<b>CAUTION:</b>	Spilt gel may cause floors to become very slippery.

#### 7: HANDLING AND STORAGE:

<b>Handling:</b>	Keep product away from heat. Avoid contact with eyes. Minimise skin contact by using PVC or rubber gloves.
<b>Storage:</b>	No special measures required.

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**8: Exposure Controls/Personal Protection:**

**Exposure Limits:** Contains no substances with occupational exposure limits.

**Engineering Controls:** Ensure eyewash stations are proximal to work-station location.

**Personal Protection:** Glove Safety Goggles Dust Coat



**Respiratory Protection:** Not required under normal use.

**9: PHYSICAL AND CHEMICAL PROPERTIES:**

**Appearance:** Transparent White Gel

**Odour:** None Detectable.

**Taste:** Not Available.

**pH:** Not Available.

**Boiling Point:** Boiling Point above 300°C.

**Flash Point:** >315°C.

**Melting Point:** Not Available.

**Relative Density:** 0.92g/cm<sup>3</sup> @ 20°C

**Volatility:** Not Available.

**Viscosity:** Not Available.

**Solubility:** Practically insoluble.

**10: STABILITY AND REACTIVITY DATA:**

**Stability:** Stable under normal operating use.

**Incompatibility:** None known

**Decomposition Products:** At extreme temperatures, possibly silicone dioxide, carbon dioxide and water.

**Instability Temperature:** Not Available

**Conditions of Instability:** Not Available.



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#### 11: TOXICOLOGY INFORMATION:

<b>Route of Entry:</b>	Absorbed through skin. Dermal contact. Eye contact.
<b>Skin Irritation:</b>	No evidence of harmful effect.
<b>Eye Irritation:</b>	Irritant effects are possible.
<b>Toxicity to Animals:</b>	Not Available.
<b>Chronic Effects on Humans:</b>	No data available to indicate product is carcinogenic or suspect carcinogenic by NTP, IARC or OSHA.
<b>Other Toxic Effects on Humans:</b>	Pre-existing skin conditions may be aggravated by prolonged or repeated exposure.

#### 12: ECOLOGICAL INFORMATION:

##### Ecotoxicity based on Component Supplier Data:

<b>Biodegradation:</b>	Product is insoluble in water
<b>Bioaccumulation:</b>	No Data Available.
<b>Soil Mobility:</b>	Not Determined.
<b>Further Information:</b>	Material is biologically inert. Related materials have shown to be unaffected by, and to have no effect on the activated sludge process, and do not appear to bio-accumulate. Photochemical oxidation conversion to water, silicic acid and carbon dioxide is the expected mode of decomposition.

#### 13: DISPOSAL CONSIDERATIONS:

<b>Disposal Method:</b>	Waste must be disposed of in accordance with local, national and international Environmental Control Regulations. Best disposed of by incineration in a suitable licensed disposal facility
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#### 14: TRANSPORT INFORMATION:

<b>Special Provisions for Transport:</b>	Not Required.
<b>Road Transport Notes</b>	Not Classified.
<b>Rail Transport Notes</b>	Not Classified.
<b>Sea Transport Notes</b>	Not Classified.
<b>Air Transport Notes</b>	Not Classified.

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**15: REGULATORY INFORMATION:**

**Further Information:**

This product does not need to be labelled in accordance with EC directives or respective national laws.

Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC.

DSCL (EEC)

S25	Avoid eye contact
Label Symbol	None

**Protective Equipment:**

Glove



Safety Goggles



Dust Coat



**16: OTHER INFORMATION:**

**Recommended Uses:**

Sonagel LTHT is a silicone based gel for use in the ultrasonic inspection of components and structures, even when such components and structures are at elevated temperatures.

**Sources of Reference:**

Raw Material Suppliers - Material Safety Data Sheets.  
HSE EH40/2002 Occupational Exposure Limits (HSE)

**Other Special Considerations:**

None

**Created:**

1<sup>st</sup> November 2011

**Last Updated:**

21<sup>st</sup> October 2014

**Reason for update:**

New layout to reduce number of pages.

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