



Title: Sonagel W - MSDS

Document Number:

SQ1013

Version Number:

4

Date Effective:

17<sup>th</sup> October 2014

Page 1 of 7

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

<b>Product Name:</b>	Sonagel W (TO9) (W250) (W1) (W5) (W25) TO9 = 125 millilitre W25 = 250 millilitre W1 = 1 Litre W5 = 5 Litre W25 = 25 Litre
<b>Recommended Use:</b>	Ultrasonic Couplant
<b>Company:</b>	Sonatest Limited Dickens Road Old Wolverton Milton Keynes MK12 5QQ England
<b>Telephone:</b>	+44(0) 1908 316345
<b>Telefax:</b>	+44(0) 1908 321323
<b>Email:</b>	<a href="mailto:sales@sonatest.com">sales@sonatest.com</a>
<b>Product Safety:</b>	quality@sonatest.com
<b>Emergency Number:</b>	+44(0) 7974406359

## 2: COMPOSITION AND INFORMATION ON INGREDIENTS

All ingredients in the formula are non-hazardous, unless specified in Sections 3 and 11.

## 3: HAZARDS IDENTIFICATION

<b>Potential Acute Health Effects:</b>	Slightly irritant in case of skin contact, of eye contact, of ingestion.
<b>Potential Chronic Health Effects:</b>	
<b>Carcinogenic Effects:</b>	No data available to indicate that any of the constituent ingredients used at the stated concentrations are carcinogenic or suspect carcinogenic by NTP, IARC or OSHA.
<b>Mutagenic Effects:</b>	No data available to indicate that any of the constituent ingredients used at the stated concentrations are mutagenic or genotoxic.

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: [Sales@sonatest.com](mailto:Sales@sonatest.com) Web: <http://www.sonatest.com>

Registered in England No. 865293



**Document Number:**

**SQ1013**

**Date Effective:**

**17<sup>th</sup> October 2014**

**Version Number:**

**4**

**Page 2 of 7**

**Title: Sonagel W - MSDS**

**Teratogenic Effects:**

No data available to indicate that any of the constituent ingredients used at the stated concentrations may cause birth defects.

**Development Toxicity:**

No data available. Pre-existing skin conditions may be aggravated by prolonged or repeated exposure.

**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:**

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:**

Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical attention.

**5: FIRE FIGHTING DATA:**

**Flammability of Product:**

Is not flammable. Please see Special remarks on Fire Hazards below.

**Auto-Ignition Temperature:**

Not determined.

**Flash Point:**

Not applicable.

**Flammable Limits:**

Not determined.

**Products of Combustion:**

These products are carbon oxides (CO,CO<sub>2</sub>).

**Special Remarks on Fire Hazard:**

When heated, the product will froth as the water component is driven off. The residual liquid may ignite at very high temperatures producing carbon oxides (CO,CO<sub>2</sub>).

**Fire Fighting Media and Instructions:**

Small Fire – Dry chemical powder  
Large Fire – Use water spray, fog or foam. Do not use water jet.

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293



**Title: Sonagel W - MSDS**

**Document Number:**

**SQ1013**

**Version Number:**

**4**

**Date Effective:**

**17<sup>th</sup> October 2014**

**Page 3 of 7**

**Special Protective Equipment:**

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:**

**Small Spillage:**

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.

**Large Spillage:**

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.

**CAUTION:**

Spilt gel may cause floors to become very slippery.

**7: HANDLING AND STORAGE:**

**Handling:**

Keep product away from heat. Avoid contact with eyes. Minimise skin contact by using PVC or rubber gloves.

**Storage:**

Store in sealed container in covered storage. Store below 30°C.

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

**Exposure Limits:**

One component material is subject to an occupational Exposure Standard of 10mg/cu mist for 8 hour time weighted average). The gelled nature of product makes such levels extremely unlikely to occur.

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293

**Title: Sonagel W - MSDS**

**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 Yellow Gel.

**Odour:**

Mild.

**Taste:**

Not Available.

**pH:**

7.5pH – 8.5pH.

**Boiling Point:**

Initial Boiling Point 100°C.

**Flash Point:**

Not available.

**Melting Point:**

Not Available.

**Relative Density:**

1.03 1.05g/mL.

**Volatility:**

Not Available.

**Viscosity:**

Not Available.

**Solubility:**

Miscible in cold water, hot water.

**10: STABILITY AND REACTIVITY DATA:**

**Stability:**

Stable under normal operating temperatures.

**Incompatibility:**

Strong acids, strong oxidising agents

**Decomposition Products:**

After water component has been driven off carbon oxides (CO,CO<sub>2</sub>).

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293



Title: Sonagel W - MSDS

Document Number:

SQ1013

Version Number:

4

Date Effective:

17<sup>th</sup> October 2014

Page 5 of 7

Instability Temperature:

<35°C

Conditions of Instability:

Water evaporation will occur. Speed of evaporation will depend on local work-station conditions.

#### 11: TOXICOLOGY INFORMATION:

Route of Entry:

Absorbed through skin. Dermal contact. Eye contact.

Chronic Effects on Humans:

No data available to indicate that any of the constituent ingredients used at the stated concentrations are carcinogenic or suspect carcinogenic by NTP, IARC or OSHA.

Other Toxic Effects on Humans:

Pre-existing skin conditions may be aggravated by prolonged or repeated exposure.

#### 12: ECOLOGICAL INFORMATION:

Ecotoxicity based on Component Supplier Data:

Not Harmful to Fish

LC50(96h)

>1000mg/l

Not Harmful to Aquatic Organisms

EC50(48h)

>1000mg/l

Biodegradation:

Component Supplier Data indicates that possible hazardous short term degradation products are unlikely.

Bioaccumulation:

Component Supplier Data indicates that bioaccumulation is unlikely.

Soil Mobility:

Not Determined.

#### 13: DISPOSAL CONSIDERATIONS:

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293



**Document Number:**

**SQ1013**

**Date Effective:**

**17<sup>th</sup> October 2014**

**Version Number:**

**4**

**Page 6 of 7**

**Title: Sonagel W - MSDS**

**Disposal Method:**

Waste must be disposed of in accordance with local, national and international Environmental Control Regulations.

**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.

**15: REGULATORY INFORMATION:**

DSCL (EEC)

S24	Avoid skin contact
S25	Avoid eye contact
Label Symbol	None

**Protective Equipment:**

Glove



Safety Goggles



Dust Coat



**16: OTHER INFORMATION:**

**Recommended Uses:**

Sonagel W is an aqueous gel for use as an Ultrasonic Coupling agent for probe/structure acoustic transmission enhancement.

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293



**Title: Sonagel W - MSDS**

**Document Number:**

**SQ1013**

**Version Number:**

**4**

**Date Effective:**

**17<sup>th</sup> October 2014**

**Page 7 of 7**

**Sources of Reference:**

Raw Material Suppliers - Material Safety Data Sheets HSE EH40/96 Occupational Exposure Limits (HSE)

**This MSDS is pursuant of:**

**A)** The chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations 1997

**B)** Council Directive 92/32/EEC (03 No L154, 5-6-92.p1) amending the 7th time Council Directive 67/457/EEC (03 No 196. 16-8-67.p1) (03/SE 1967, p234) in so far as these provisions relate to the classification, packaging and labelling of dangerous substances.

**C)** Council Directive 88/379/EEC (03 No L1187, 16-7-88.p14) as amended by Commission Directive 90/492 EEC (03 No L275 5-10-90 p35) on the classification, packaging and labelling of dangerous preparations.

**D)** Council Directive 78/631/EEC (03 No L204, 29-7-78 p13) on the classification, packaging and labelling of dangerous substances (pesticides).

**E)** Commission Directive 91/115/EEC (03 No L76 22-3-91 p35) on system of specific information relating to dangerous preparations (Safety Data sheets) except in so far as those directives relate to the provision of child resistant fastenings for certain packages containing dangerous substances and preparations.

**Other Special Considerations:**

None

**Created:**

5<sup>th</sup> July 2012

**Last Updated:**

17<sup>th</sup> October 2014

**Reason for update:**

Corrections to sections 2 and 11

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no event shall Sonatest Limited be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if Sonatest Limited has been advised of the possibility of such damage.*

Sonatest Limited, Dickens Road, Old Wolverton, Milton Keynes, MK12 5QQ, ENGLAND

Tel: +44 (0) 1908 316345 Fax: +44 (0) 1908 321323

E-mail: Sales@sonatest.com Web: <http://www.sonatest.com>

Registered in England No. 865293