



Title: Sonagel O - MSDS

Document Number:

SQ1015

Revision Number:

3

Date Effective:

6th July 2012

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

Product Name: Sonagel O

Recommended Use: Ultrasonic Couplant

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

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

Product Safety: quality@sonatest.com

Emergency Number: +44(0) 7974406359

2: COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Dipropylene Glycol	25265-71-8	17
Carbopol	9003-01-4	1
Amine Concentrate	102-71-6	2.76

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

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3: HAZARDS IDENTIFICATION

Potential Acute Health Effects:

None stated.

Potential Chronic Health Effects:

Carcinogenic Effects:

No data available to indicate product or additional components present at greater than 0.1% are carcinogenic or suspect carcinogenic by NTP, IARC or OSHA.

Mutagenic Effects:

No data available to indicate product or additional components present at greater than 0.1% are mutagenic or genotoxic.

Teratogenic Effects:

No data available to indicate product or components present at greater than 0.1% 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.

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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 ₂).
Special Remarks on Fire Hazard:	May form toxic gases at high temperatures or in case of fire producing carbon oxides (CO ₂).
Fire Fighting Media and Instructions:	Small Fire – Dry chemical powder Large Fire – Use water spray, fog or foam. Do not use water jet.
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.

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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 between 5°C and 40°C.

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.

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9: PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Pink/Red Viscous Gel.
Odour:	Mild.
Taste:	Not Available.
pH:	Not Available.
Boiling Point:	Initial Boiling Point 100°C.
Flash Point:	>100°C.
Melting Point:	Not Available.
Relative Density:	0.92g/cm ³ @ 20°C
Volatility:	Not Available.
Viscosity:	Not Available.
Solubility:	Practically insoluble.

10: STABILITY AND REACTIVITY DATA:

Stability:	Stable under normal operating temperatures.
Incompatibility:	Strong acids, strong oxidising agents
Decomposition Products:	No decomposition if used correctly.
Instability Temperature:	Not Available
Conditions of Instability:	Not Available.

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11: TOXICOLOGY INFORMATION:

Route of Entry:	Absorbed through skin. Dermal contact. Eye contact.
Skin Irritation:	Irritant effects are possible.
Eye Irritation:	Irritant effects are possible.
Toxicity to Animals:	Not Available.
Chronic Effects on Humans:	No data available to indicate product is 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:

Biodegradation:	No Data Available.
Bioaccumulation:	No Data Available.
Soil Mobility:	Not Determined.
Further Information:	Water endangering. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

13: DISPOSAL CONSIDERATIONS:

Disposal Method:	Waste must be disposed of in accordance with local, national and international Environmental Control Regulations.
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14: TRANSPORT INFORMATION:

Special Provisions for Transport:	Not Required.
Road Transport Notes	Not Classified.
Rail Transport Notes	Not Classified.
Sea Transport Notes	Not Classified.
Air Transport Notes	Not Classified.

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)

S24	Avoid skin contact
S25	Avoid eye contact
Label Symbol	None

Protective Equipment:

Glove



Safety Goggles



Dust Coat



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16: OTHER INFORMATION:

Recommended Uses:

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

Sources of Reference:

Raw Material Suppliers - Material Safety Data Sheets UCA-1

Other Special Considerations:

None

Created:

5th July 2012

Last Updated:

6th July 2012

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