



SAFETY DATA SHEET

Sonagel LTHT

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 830/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Sonagel LTHT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ultrasonic couplant.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet Supplier

Sonatest Limited
Dickens Road
Old Wolverton
Milton Keynes
MK12 5QQ
England
Tel: +44(0) 1908 316345
sales@sonatest.com

1.4. Emergency telephone number

Emergency telephone +44(0) 7971 099778

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Not a Hazardous substance or mixture

Classification (67/548/EEC or 1999/45/EC)

Not a Hazardous substance or mixture

2.2. Label elements

Labelling (Regulation EC 1272/2008)

Not a Hazardous substance or mixture

Labelling (Regulation EC 67/548/EEC)

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

Sonagel LTHT

2.3. Other hazards

The information required is contained in this Material Safety Data Sheet

SECTION 3: Composition/information on ingredients

3.1 Substances

Not Applicable

3.2. Mixtures

Chemical Nature	Polymers
Remarks	No hazardous ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	First aid crew: Ensure self protection. Move out of dangerous area. Take off contaminated clothing and shoes immediately
Inhalation	Move affected person to fresh air. If symptoms persist, call a physician
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Then give plenty of water to drink. Do not induce vomiting unless under the direction of medical personnel. Consult a physician
Skin contact	Wash off with soap and plenty of water. If symptoms persist call a physician
Eye contact	Rinse immediately with plenty of water, also under the eyelids. Consult a physician.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. Move out of dangerous area, take off contaminated clothes and shoes immediately

4.2. Most important symptoms and effects, both acute and delayed

General information	No information available.
----------------------------	---------------------------

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically. For specific advice physicians should contact the Poisons Information Service.
-----------------------------	--

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use Extinguishing measures that are appropriate to local circumstances and the surrounding environment
-------------------------------------	--

Sonagel LTHT

Unsuitable extinguishing Media Do not use water jet as an extinguisher.

5.2. Special hazards arising from the substance or mixture

Specific hazards May form toxic gases on heating or in case of fire.
Carbon Monoxide
Carbon Dioxide (CO₂)

5.3. Advice for firefighters

Protective actions during firefighting In the event of fire wear self-contained breathing apparatus.

Further information Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective equipment.

6.2. Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Ensure adequate ventilation
Contain spillage, soak up with noncombustible absorbent material, (e.g.sand, earth, diatomaceous earth, vermiculite,) and transfer to a container for disposal to local/national regulations (see section 13)

6.4. Reference to other sections

Reference to other sections See Chapter 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Provide sufficient air exchange and/or exhaust in work rooms.
Have eye wash bottle or eye rinse ready at work place
To avoid risks to man and the environment, comply with the instructions for use.

Advice on protection Against fire and explosion Normal measures for preventative fire protection
The product is not flammable

7.2. Conditions for safe storage, including any incompatibilities

Store precautions Keep containers tightly closed in a cool, well-ventilated place.

Sonagel LTHT

Store in a place accessible by authorised persons only
Protect from frost, heat and sunlight.

Storage period 36 months

Storage temperature 5 – 40C

7.3. Specific end use(s)

Specific end use(s) Additive.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas

Personal Protective equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.
Recommended filter type: A-P2

Hand Protection

Protective gloves complying with EN 374
PVC or other plastic gloves
Butyl rubber / neoprene gloves
Please observe instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion and the contact time.

Eye protection

Safety glasses with side shields conforming to EN166

Skin and body protection

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Hygiene measures

Take off contaminated clothing and shoes immediately.
Keep away from food, drink and animal feedstuffs.
Wash hands before breaks and immediately after handling the product.
Avoid contact with skin and eyes
Do not breathe vapour

Environmental exposure

Controls

Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

Sonagel LTHT

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Sonagel LTHT

Appearance	Liquid paste.
Colour	Colourless.
Odour	Slight.
Flash point	Not applicable.
pH	Not applicable
Melting point/range	-41C.
Boiling point and range	>300C
Density	1g/cm ³ at 20C
Water solubility	Insoluble

9.2. Other information

Other information

Explosivity	No explosion risk
Directive 1999/13/EC on the limitation volatile organic compounds	Value: 0g/L

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No dangerous reaction under conditions of normal use.
-------------------	---

10.2. Chemical stability

Stability	Stable under normal conditions.
------------------	---------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
---	-------------

10.4. Conditions to avoid

Conditions to avoid	Protection from frost, heat and sunlight.
----------------------------	---

Sonagel LTHT

10.5. Incompatible materials

Materials to avoid Reaction with Oxidisers.

10.6. Hazardous decomposition products

Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity –

Skin corrosion/irritation

Skin irritation May cause skin irritation in susceptible persons

Serious eye damage/ irritation

Eye irritation May cause eye irritation with susceptible persons.

Respiratory skin/ sensitisation

No data available.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Ecotoxicology studies for the product are not available.

12.2. Persistence and degradability

Biodegradability No data available.

12.3. Bioaccumulative potential

Bioaccumulation Bioaccumulation is unlikely.

12.4. Mobility in soil

**Distribution among environmental
compartments**

No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6. Other adverse effects

**Additional ecological
information**

Slightly water endangering
Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration

Sonagel LTHT

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dispose of in accordance with local regulations
Contaminated packaging	Dispose of as unused product
Waste Code	Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

SECTION 14: Transport information

ADR	Not Dangerous
IATA	Not Dangerous
IMDG	Not Dangerous
RID	Not Dangerous

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation, REACH-Candidate list of Substances of Very High Concern for Authorisation (Article 59)	This product does not contain substances of very high concern Regulation (EC) No 1907/2006 (REACH), Article 57
Water Contaminating Class (Germany)	WGK 1 slightly water endangering VVWS A4
Other Regulations	This product is classified and labelled in accordance with EC directives or respective national laws. Regional or national implementations of GHS may not implement all hazard classes and categories.

15.2 Chemical Safety Assessment

This product is not classified as hazardous therefore an Exposure Scenario is not necessary

SECTION 16: Other Information

Further information	The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.
----------------------------	--