

**SECTION 1: IDENTIFICATION**

**1.1. PRODUCT IDENTIFIER**

Product name : Sono 600  
 Product code : Not available

**1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

Use of the substance/mixture : Ultrasonic couplant.

**1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

<b>Manufacturer</b>	<b>Distributor</b>
Magnaflux	
155 Harlem Ave.	
Glenview, IL 60025 - USA	
T: 847-657-5300	

**1.4. EMERGENCY TELEPHONE NUMBER**

Emergency number : CHEMTREC 800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

**GHS classification**

Skin Sens. 1

**2.2. LABEL ELEMENTS**

**GHS labelling**

Hazard pictograms (GHS) :



GHS07

Signal word (GHS) : Warning  
 Hazard statements (GHS) : May cause an allergic skin reaction.  
 Precautionary statements (GHS) : Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3. OTHER HAZARDS**

No additional information available

**2.4. UNKNOWN ACUTE TOXICITY (GHS)**

Not applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. SUBSTANCE**

Not applicable

**3.2. MIXTURE**

Name	Product identifier	%
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5	15.31
tert-Butylhydroquinone	(CAS No) 1948-33-0	0.2

**SECTION 4: FIRST AID MEASURES**

**4.1. DESCRIPTION OF FIRST AID MEASURES**

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

- First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

#### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

#### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. EXTINGUISHING MEDIA

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), dry chemical powder, foam.
- Unsuitable extinguishing media : None known.

#### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

#### 5.3. ADVICE FOR FIREFIGHTERS

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.2. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

#### 6.3. REFERENCE TO OTHER SECTIONS

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. PRECAUTIONS FOR SAFE HANDLING

- Precautions for safe handling : Avoid contact with skin. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Contaminated work clothing should not be allowed out of the workplace.

#### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated area.

#### 7.3. SPECIFIC END USE(S)

Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

Silica, amorphous, fumed, crystalline-free (112945-52-5)		
ACGIH	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
IDLH	US IDLH (mg/m <sup>3</sup> )	3000 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>

\*Exposure limits are found under amorphous silica CAS No 7631-86-9

tert-Butylhydroquinone (1948-33-0)	
ACGIH	Not applicable
OSHA	Not applicable

### 8.2. EXPOSURE CONTROLS

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Wear protective gloves.
Eye protection	: Safety glasses or goggles are recommended when using product.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Viscous
Colour	: Light yellow
Odour	: Odourless
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 226 °C (438°F) (open cup)
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: 0.92 g/cc
Relative vapour density at 20 °C	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: 420 - 423 °C (788 - 793.4 °F)
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available

Viscosity, dynamic : No data available

## 9.2. OTHER INFORMATION

VOC content : 0

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

### 10.2. CHEMICAL STABILITY

Stable under normal storage conditions.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.

### 10.4. CONDITIONS TO AVOID

Heat.

### 10.5. INCOMPATIBLE MATERIALS

None known.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity : Not classified.

Sono 600	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	No data available

Silica, amorphous, fumed, crystalline-free (112945-52-5)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg

tert-Butylhydroquinone (1948-33-0)	
LD50 oral rat	951 mg/kg

Skin corrosion/irritation : Based on available data, the classification criteria are not met.  
 Serious eye damage/irritation : Based on available data, the classification criteria are not met.  
 Respiratory or skin sensitisation : May cause an allergic skin reaction.  
 Germ cell mutagenicity : Based on available data, the classification criteria are not met.  
 Carcinogenicity : Based on available data, the classification criteria are not met.

Silica, amorphous, fumed, crystalline-free (112945-52-5)	
IARC group	3 - Not classifiable

Reproductive toxicity : Based on available data, the classification criteria are not met.  
 Specific target organ toxicity (single exposure) : Based on available data, the classification criteria are not met.  
 Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met.  
 Aspiration hazard : Based on available data, the classification criteria are not met.  
 Symptoms/injuries after inhalation : May cause respiratory tract irritation.  
 Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.  
 Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.  
 Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY

Ecology - general : May cause long-term adverse effects in the aquatic environment.

**12.2. PERSISTENCE AND DEGRADABILITY**
**Sono 600**

Persistence and degradability	Not established.
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**12.3. BIOACCUMULATIVE POTENTIAL**
**Sono 600**

Bioaccumulative potential	Not established.
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**12.4. MOBILITY IN SOIL**

No additional information available

**12.5. OTHER ADVERSE EFFECTS**

Effect on the global warming : No known effects from this product.

**SECTION 13: DISPOSAL CONSIDERATIONS**
**13.1. WASTE TREATMENT METHODS**

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

**SECTION 14: TRANSPORT INFORMATION**

In accordance with DOT/TDG/IATA/IMDG

DOT (bulk)	: Not regulated for transport
DOT (non-bulk)	: Not regulated for transport
TDG	: Not regulated for transport
IATA	: Not regulated for transport
IMDG	: Not regulated for transport

**ADDITIONAL INFORMATION**

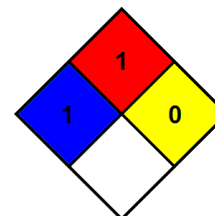
Other information	: No supplementary information available.
Special transport precautions	: Do not handle until all safety precautions have been read and understood.

**SECTION 15: REGULATORY INFORMATION**
**15.1. FEDERAL REGULATIONS**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

NFPA health hazard	: 1
NFPA fire hazard	: 1
NFPA reactivity	: 0


**15.2. US STATE REGULATIONS**
**Sono 600**

State or local regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
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**SECTION 16: OTHER INFORMATION**

Date of issue	: 07/04/2016
Revision date	: 07/04/2016
Other information	: None.

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