

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**
**1.1 Product identifier**

Product Number: PROSILANE™ SC-8131  
 Chemical name: PHENYLTRIMETHOXYSILANE  
 CAS No.: 2996-92-1

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

For industrial use

**1.3 Details of the supplier of the safety data sheet**

Manufactured/Supplied by Silsource Inc.  
 ADDRESS: 240 Mary Street, Port Perry, ON L9L 1B7

**CHEMICAL EMERGENCY ONLY (PHONE):** CANUTEC [24 Hr.] CANADA 888-226-8832 or 613-996-6666  
 CHEMTREC [24 Hr.] USA 1-800-262-8200

**SECTION 2: HAZARD IDENTIFICATION**
**2.1 GHS Classification**

**Physical hazards** Not classified

**Health hazard**

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2

**Environment hazards:** Not classified

**2.2 GHS Label elements**

**Pictogram (s)**
**Signal Words**

Warning

**Hazard statement(s)**

H315 Causes skin irritation.

H319 Causes serious eye irritation

**Precautionary statement(s)**

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 IF EYE IRRITATION PERSISTS: Get medical advice/attention

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 IF SKIN IRRITATION OCCURS: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse. Risk warnings

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

Chemical name	CAS number	Concentration
PHENYLTRIMETHOXYSILANE	2996-92-1	>98%

**SECTION 4: FIRST AID MEASURES**
**4.1 Description of first aid measures**
**General information**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician

**If skin contact**

Wash off with soap and plenty of water. Consult a physician

**If in eyes**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

### 5.2 Special protective equipment for firemen

Wear self-contained breathing apparatus for fire-fighting if necessary.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation

### 6.2 Environmental preventive measures

Do not let product enter drains

### 6.3 Methods and materials for restraining and cleaning up the spills

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

### 6.4 Reference to other sections

For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for operation and disposal

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge

### 7.2 Precautions for storage

Store it in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Moisture sensitive

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Maximum allowable concentration

Component	CAS number	Maximum allowable concentration
xxx	xxx	xxx

### 8.2 Exposure controls

#### Personal protection

##### Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Hand protection:

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

##### Eye protection:

Safety glasses with side-shields conforming to EN166

##### Skin and body protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place

##### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form	liquid
<b>Safety data</b>	
pH	no data available
Melting point	-25 °C
Boiling point	233 °C - lit.
Flash point	84 °C - closed cup
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	1,062 g/cm <sup>3</sup> at 25 °C
Water solubility	no data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Chemical stability:

Stable under recommended storage conditions

### 10.2 Reactivity

#### Conditions to avoid:

Avoid moisture

#### Materials to avoid:

Strong oxidizing agents

#### Hazardous Decomposition Products:

Hazardous decomposition products formed under fire conditions. - Carbon oxides, silicon oxides

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity

no data available

### 11.2 Skin corrosion/irritation

no data available

### 11.3 Serious eye damage/eye irritation

no data available

### 11.4 Respiratory or skin sensitization

no data available

### 11.5 Germ cell mutagenicity no data available Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Route of Infection: probable, possible or confirmed human carcinogen by IARC.

### 11.6 Reproductive toxicity

No data available

### 11.7 Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

### 11.8 Specific target organ toxicity - repeated exposure

No data available

### 11.9 Aspiration hazard

No data available

### 11.10 Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye burns.

### 11.11 Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### 11.12 Additional Information

RTECS: VV5252000

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Product disposal:**

Dispose of in accordance with local regulations. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material

**13.2 Packaging disposal:**

Dispose of in accordance with local regulations. Dispose of as unused product.

**SECTION 14: TRANSPORT INFORMATION**

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**SECTION 15: REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**SECTION 16: OTHER INFORMATION**

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.

This SDS was prepared sincerely on the basis of the information we could obtain, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

This SDS is compliant with the GHS requirements outlined at [http://www.ccohs.ca/oshanswers/chemicals/whmis\\_ghs/sds.html](http://www.ccohs.ca/oshanswers/chemicals/whmis_ghs/sds.html)

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