

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**1.1 Product identifier**

Product Number: PROSILANE™ SC-7950  
Chemical name: ETHYLTRIACETOXYSILANE  
CAS No.: 17689-77-9

**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**

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]  
Skin corrosion (Category 1B)  
According to European Directive 67/548/EEC or 1999/45/EC  
Causes burns.

**2.2 GHS Label elements**

**Pictogram(s)**



**Signal Word**

Danger

**Hazard statement(s)**

H314 Causes severe skin burns and eye damage.

**Precautionary statement(s)**

P280 Wear protective gloves/protective clothing/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.  
P310 Immediately call a POISON CENTER or doctor/ physician.

**Risk warnings**

R34 Causes burns

**Safety warning(s)**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**2.3 Other hazards**

None

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

**3.1 Substances**

Chemical name	CAS number	Concentration
ETHYLTRIACETOXYSILANE	17689-77-9	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

**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** Take off contaminated clothing and shoes immediately. 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** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache, Nausea

**4.3 Indication of immediate medical attention and special treatment needed**

no data available

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Suitable extinguishing media**

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

**5.2 Specific hazards during fire fighting**

Carbon oxides, silicon oxides

**5.3 Special method**

No data available

**5.4 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. Evacuate personnel to safe areas.

**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 inhalation of vapor or mist.  
Normal measures for preventive fire protection

**7.2 Precautions for storage**

Store 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.

**7.3 Specific end uses**

no data available

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Components with workplace control parameters

**8.2 Exposure controls**

**Appropriate engineering controls**

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

**Personal protective equipment**

**Eye/face protection**

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**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).

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Form: clear, liquid Color: colorless
Odor	no data available
Odor Threshold	no data available
pH	no data available
Melting/freezing point	no data available
Initial boiling point and boiling range	98 °C at 5 hPa - lit.
Flash point	106 °C - closed cup
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Relative density	1,14 g/cm3 at 25 °C
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity**

no data available

**Chemical stability**

no data available

**Possibility of hazardous reactions**

no data available

Conditions to avoid Heat.

**Incompatible materials**

Amines, Strong oxidizing agents, Alcohols, Bases, acids

**Hazardous decomposition products**

Other decomposition products - no data available

## 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 probable, possible or confirmed human carcinogen by IARC.

**11.6 Reproductive toxicity**

no data available

**11.7 Specific target organ toxicity - single exposure**

no data available

**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. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Ingestion	May be harmful if swallowed. Causes burns.
Skin	May be harmful if absorbed through skin. May cause skin burns.
Eyes	Causes eye burns.

**11.11 Signs and Symptoms of Exposure**

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache, Nausea

**11.12 Additional Information**

RTECS: Not available Route of Infection:

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Ecotoxicity**

No data available

**12.2 Residual/degradability:**

No data available

**12.3 Bioaccumulative potential:**

No data available

**12.4 Mobility in Soil:**

No data available

**12.5 Additional Environmental Information:**

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Product disposal:**

Dispose of in accordance with local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. 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

**14.1 UN-Number**

ADR/RID: 3265

IMDG: 3265

IATA: 3265

**14.2 UN proper shipping name**

ADR/RID: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Triacetoxymethylsilane)

IMDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Triacetoxymethylsilane)

IATA: Corrosive liquid, acidic, organic, n.o.s. (Triacetoxymethylsilane)

**14.3 Transport hazard class(es)**

ADR/RID: 8

IMDG: 8

IATA: 8

**14.4 Packaging group**

ADR/RID: II

IMDG: II

IATA: II

**14.5 Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

**14.6 Special precautions for users**

no data available

**SECTION 15: REGULATORY INFORMATION**

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

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

no data available

**15.2 Chemical Safety Assessment**

no data available

**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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