

### SECTION 1: Identification

#### 1.1. Product Identifier

Product Form Mixture  
Product Name R-1182  
Synonyms Silicone Coating

#### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture Provides a RTV, low-friction coating on cured silicone substrates. For professional use only.

#### 1.3. Details of the Supplier of the Safety Data Sheet

NuSil Technology LLC  
1050 Cindy Lane  
Carpinteria, California 93013  
USA  
(805) 684-8780  
[ehs@nusil.com](mailto:ehs@nusil.com)  
[www.nusil.com](http://www.nusil.com)

#### 1.4. Emergency Telephone Number

Emergency Number 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)

### SECTION 2: Hazards Identification

#### 2.1. Classification of the Substance or Mixture

##### GHS-US Classification

Flam. Liq. 2 H225  
Acute Tox. 4 (Inhalation:vapor) H332  
Skin Corr. 1B H314  
Eye Dam. 1 H318  
Repr. 1B H360  
STOT SE 3 H335  
STOT SE 3 H336  
Aquatic Chronic 3 H412

Full text of hazard classes and H-statements: see section 16

#### 2.2. Label Elements

##### GHS-US Labeling

Hazard Pictograms (GHS-US)



GHS02



GHS05



GHS07



GHS08

Signal Word (GHS-US)

Danger

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### Hazard Statements (GHS-US)

H225 - Highly flammable liquid and vapor  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H360 - May damage fertility or the unborn child  
H412 - Harmful to aquatic life with long lasting effects

### Precautionary Statements (GHS-US)

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical, lighting, ventilating equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe mist, spray, vapors.  
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, protective clothing, protective gloves.  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P310 - Immediately call a doctor, a POISON CENTER.  
P321 - Specific treatment (see Section 4 on this SDS).  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>) to extinguish.  
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Other Hazards Not Contributing to the Classification

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

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### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: Composition/Information On Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product Identifier	%	GHS-US Classification
tert-Butyl acetate	(CAS-No.) 540-88-5	75 - 85	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapor), H332 STOT SE 3, H336 STOT SE 3, H335
Silanetriol, ethyl-, triacetate	(CAS-No.) 17689-77-9	10 - 20	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
Silanetriol, methyl-, triacetate	(CAS-No.) 4253-34-3	1 - 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318
Dibutyltin diacetate	(CAS-No.) 1067-33-0	< 1	Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

## SECTION 4: First Aid Measures

### 4.1. Description of First-aid Measures

#### First-aid Measures General

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

#### First-aid Measures After Inhalation

When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

#### First-aid Measures After Skin Contact

Remove contaminated clothing. Rinse cautiously with water for at least 30 minutes. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

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First-aid Measures After Eye Contact

Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-aid Measures After Ingestion

Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries

Causes severe skin burns and eye damage. May damage fertility. May damage the unborn child. May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/Injuries After Inhalation

May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. May be corrosive to the respiratory tract.

Symptoms/Injuries After Skin Contact

Causes severe irritation which will progress to chemical burns.

Symptoms/Injuries After Eye Contact

Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion

May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms

May damage fertility or the unborn child.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Suitable Extinguishing Media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media : Do not use a heavy water stream. A heavy water stream may spread burning liquid.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard Highly flammable liquid and vapor.

Explosion Hazard May form flammable or explosive vapor-air mixture.

Reactivity Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

### 5.3. Advice for Firefighters

Precautionary Measures Fire  
Firefighting Instructions

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting

Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products

Carbon oxides (CO, CO<sub>2</sub>). Silicon oxides.

Other Information

Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment And Emergency Procedures

General Measures

Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray.

#### 6.1.1. For Non-Emergency Personnel

Protective Equipment

Use appropriate personal protective equipment (PPE).

Emergency Procedures

Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.1.2. For emergency responders

Protective Equipment

Equip cleanup crew with proper protection.

Emergency Procedures

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods and Materials for Containment and Cleaning Up

For Containment

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

Methods for Cleaning Up

Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Cautiously neutralize spilled liquid.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: Handling And Storage

### 7.1. Precautions for Safe Handling

Additional Hazards When Processed

Handle empty containers with care because residual vapors are flammable. May release corrosive vapors.

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### Precautions for Safe Handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Handle empty containers with care because they may still present a hazard. Do not breathe vapor, mist, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety procedures.

## 7.2. Conditions for Safe Storage, Including Any Incompatibilities

### Technical Measures

Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

### Storage Conditions

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place. Store in original container or corrosive resistant and/or lined container.

### Incompatible Materials

Strong acids, strong bases, strong oxidizers.

## 7.3. Specific End Use(S)

Provides a RTV, low-friction coating on cured silicone substrates. For professional use only.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

tert-Butyl acetate (540-88-5)		
USA ACGIH	ACGIH TWA (ppm)	50 ppm (Butyl acetates, all isomers)
USA ACGIH	ACGIH STEL (ppm)	150 ppm (Butyl acetates, all isomers)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Gas detectors should be used when toxic gases may be released.

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### Personal Protective Equipment

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Face shield.



### Materials For Protective Clothing

Chemically resistant materials and fabrics. Wear fire/flare resistant/retardant clothing. Corrosion-proof clothing.

### Hand Protection

Wear protective gloves.

### Eye And Face Protection

Chemical safety goggles and face shield.

### Skin And Body Protection

Wear suitable protective clothing.

### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

### Other Information

When using, do not eat, drink or smoke.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Off-white
Color	No data available
Odor	Sweet
Odor Threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	98 °C (208.4 °F)
Flash Point	4.4 °C (39.92 °F)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	Not applicable
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	No data available
Specific Gravity	< 1
Solubility	No data available
Partition Coefficient n-Octanol/Water	No data available
Viscosity	90000 cP (600,000 mPas)

### 9.2. Other Information

VOC Content 75 - 85 %

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### SECTION 10: Stability and Reactivity

#### 10.1. Reactivity

Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

#### 10.2. Chemical Stability

Extremely flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

#### 10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

#### 10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

#### 10.6. Hazardous Decomposition Products

Thermal decomposition generates: Corrosive vapors.

### SECTION 11: Toxicological Information

#### 11.1. Information on Toxicological Effects

Acute Toxicity (Oral) : Not classified  
Acute Toxicity (Dermal) : Not classified  
Acute Toxicity (Inhalation) : Harmful if inhaled.

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ATE (Vapors)	16.68 mg/l/4h
tert-Butyl acetate (540-88-5)	
LD50 Oral Rat	4500 mg/kg
LD50 Dermal Rabbit	> 2000
LC50 Inhalation Rat	> 9482 mg/m <sup>3</sup> (Exposure time: 4 h)
LC50 Inhalation Rat	13.3 mg/l/4h
LC50 Inhalation Rat	5157 ppm/4h
Silanetriol, ethyl-, triacetate (17689-77-9)	
LD50 Oral Rat	1460 mg/kg
Silanetriol, methyl-, triacetate (4253-34-3)	
LD50 Oral Rat	1437 - 1780 mg/kg

Skin Corrosion/Irritation Causes severe skin burns and eye damage.  
Serious Eye Damage/Irritation Causes serious eye damage.  
Respiratory or Skin Sensitization Not classified  
Germ Cell Mutagenicity Not classified  
Carcinogenicity Not classified  
Reproductive Toxicity : May damage fertility or the unborn child.  
Specific Target Organ Toxicity (Single Exposure) : May cause respiratory irritation. May cause drowsiness or dizziness.  
Specific Target Organ Toxicity (Repeated Exposure) : Not classified  
Aspiration Hazard Not classified



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Symptoms/Injuries After Inhalation	May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. May be corrosive to the respiratory tract.
Symptoms/Injuries After Skin Contact	Causes severe irritation which will progress to chemical burns.
Symptoms/Injuries After Eye Contact	Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/Injuries After Ingestion	May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic Symptoms	May damage fertility or the unborn child.

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecology - General Harmful to aquatic life with long lasting effects.

tert-Butyl acetate (540-88-5)	
LC50 Fish 1	296 - 362 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
Dibutyltin diacetate (1067-33-0)	
EC50 Chronic	0.035 mg/l Exposure time: 72 hour (Species: Skeletonema costatum)
NOEC (Acute)	0.65 mg/l
NOEC Chronic Crustacea	0.32 mg/l (48-Hour EC50 Daphnia magna)

### 12.2. Persistence and Degradability

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Persistence and Degradability	May cause long-term adverse effects in the environment.
Dibutyltin diacetate (1067-33-0)	
Persistence and Degradability	Not established.

### 12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
tert-Butyl acetate (540-88-5)	
Log Pow	1.38
Silanetriol, methyl-, triacetate (4253-34-3)	
Log Pow	0.25 KowWin
Dibutyltin diacetate (1067-33-0)	
Bioaccumulative Potential	Not established.

### 12.4. Mobility In Soil

No additional information available

### 12.5. Other Adverse Effects

Other Information Avoid release to the environment.

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### SECTION 13: Disposal Considerations

#### 13.1. Waste Treatment Methods

Waste Disposal Recommendations	Dispose of contents/container in accordance with local, regional, national, and international regulations.
Additional Information	Handle empty containers with care because residual vapors are flammable.
Ecology - Waste Materials	Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

#### 14.1. In Accordance with DOT

Proper Shipping Name	FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (CONTAINS : Silanetriol, ethyl-, triacetate ; Silanetriol, methyl-, triacetate)
Hazard Class	3
Identification Number	UN2924
Label Codes	3, 8
Packing Group	II
ERG Number	132



#### 14.2. In Accordance with IMDG

Proper Shipping Name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (CONTAINS : Silanetriol, ethyl-, triacetate ; Silanetriol, methyl-, triacetate)
Hazard Class	3
Subsidiary Risk(s)	8
Identification Number	UN2924
Packing Group	II
Label Codes	3, 8
EmS-No. (Fire)	F-E
EmS-No. (Spillage)	S-C
MFAG Number	132



#### 14.3. In Accordance with IATA

Proper Shipping Name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (CONTAINS : Silanetriol, ethyl-, triacetate ; Silanetriol, methyl-, triacetate)
Packing Group	II
Identification Number	UN2924
Hazard Class	3
Label Codes	3, 8
Subsidiary Risk(s)	8
ERG Code (IATA)	3CH



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### SECTION 15: Regulatory Information

#### 15.1. US Federal Regulations

All components in this mixture are listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, have been exempted, are not listed, not disclosed due to CBI requirements or disclosure rules according to the relevant regulation.

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SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Acute toxicity (any route of exposure) Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation Health hazard - Reproductive toxicity Health hazard - Specific target organ toxicity (single or repeated exposure)
tert-Butyl acetate (540-88-5)	
CERCLA RQ	5000 lb listed under Butyl acetate

#### 15.2. US State Regulations

tert-Butyl acetate (540-88-5)
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U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - Delaware - Volatile Organic Compounds Exempt from Requirements  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Massachusetts - Toxics Use Reduction Act  
U.S. - Massachusetts - Volatile Organic Compounds Exempt From Requirements  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Michigan - Polluting Materials List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs

Silanetriol, ethyl-, triacetate (17689-77-9)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Silanetriol, methyl-, triacetate (4253-34-3)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Dibutyltin diacetate (1067-33-0)

RTK - U.S. - Massachusetts - Right To Know List

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

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### SECTION 16: Other Information, Including Date of Preparation or Last Revision

Date of Preparation or Latest Revision 11/18/2019

Revision

Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

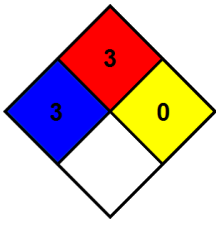
GHS Full Text Phrases:

Acute Tox. 4 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 2	Flammable liquids Category 2
Muta. 2	Germ cell mutagenicity Category 2
Repr. 1B	Reproductive toxicity Category 1B
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Corr. 1C	Skin corrosion/irritation Category 1C
Skin Sens. 1B	Skin sensitization, category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H360	May damage fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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NFPA Health Hazard	3 - Materials that, under emergency conditions, can cause serious or permanent injury.	
NFPA Fire Hazard	3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.	
NFPA Reactivity Hazard	0 - Material that in themselves are normally stable, even under fire conditions.	
HMIS III Rating Health	3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given * Chronic - Chronic (long-term) health effects may result from repeated overexposure	
Flammability Physical	3 Serious Hazard 0 Minimal Hazard	

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