



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision date 13-Sep-2024

Revision Number 2

## 1. Identification

### Product identifier

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Part A:<br>Body Double<br>Body Double Silk<br>Dragon Skin Series<br>F/X Pro<br>Ecoflex Series & Gel<br>Encapso K<br>Equinox Series<br>EZ Brush Silicone<br>EZ-Spray Silicone Series<br>Mold Max Series<br>Mold Star Series<br>Oomoo Series<br>Poyo Putty 40<br>Psycho Paint<br>Rebound Series<br>Rubber Glass<br>Silicone 1515, 1603, 1708, 3030<br>Skin Tite<br>Smooth-Sil Series<br>Solaris<br>SomaFoama Series<br>Sorta-Clear Series |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Other means of identification

|                 |         |
|-----------------|---------|
| Product Code(s) | FG-823A |
|-----------------|---------|

|          |      |
|----------|------|
| Synonyms | None |
|----------|------|

### Recommended use of the chemical and restrictions on use

|                 |                    |
|-----------------|--------------------|
| Recommended use | Silicone Elastomer |
|-----------------|--------------------|

Restrictions on use

### Details of the supplier of the safety data sheet

#### Supplier Address

Smooth-On, Inc., 5600 Lower Macungie Rd, Macungie, PA 18062, USA, Phone: +01.610.252.5800, [www.smooth-on.com](http://www.smooth-on.com), [sds@smooth-on.com](mailto:sds@smooth-on.com)

|        |                                                          |
|--------|----------------------------------------------------------|
| E-mail | <a href="mailto:sds@smooth-on.com">sds@smooth-on.com</a> |
|--------|----------------------------------------------------------|

### Emergency telephone number

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| Emergency Telephone | Chemtel: US: 1-800.255.3924; International: 1-813.248.0585 |
|---------------------|------------------------------------------------------------|

## 2. Hazard(s) identification

**Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazards not otherwise classified (HNOC)**

Not applicable

**Label elements****Hazard statements**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Other information**

No information available.

**3. Composition/information on ingredients****Substance**

Not applicable.

**Mixture**

The product contains no substances which at their given concentration, are considered to be hazardous to health

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures****Description of first aid measures**

|              |                                                                                                                         |
|--------------|-------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Remove to fresh air.                                                                                                    |
| Eye contact  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.<br>Consult a physician. |
| Skin contact | Wash skin with soap and water.                                                                                          |
| Ingestion    | Rinse mouth.                                                                                                            |

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

Symptoms No information available.

Effects of Exposure No information available.

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

Note to physicians Treat symptomatically.

## 5. Fire-fighting measures

|                                                                       |                                                                                                                                    |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>                                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| <b>Large Fire</b>                                                     | CAUTION: Use of water spray when fighting fire may be inefficient.                                                                 |
| <b>Unsuitable extinguishing media</b>                                 | Do not scatter spilled material with high pressure water streams.                                                                  |
| <b>Specific hazards arising from the chemical</b>                     | No information available.                                                                                                          |
| <b>Explosion data</b>                                                 |                                                                                                                                    |
| <b>Sensitivity to mechanical impact</b>                               | None.                                                                                                                              |
| <b>Sensitivity to static discharge</b>                                | None.                                                                                                                              |
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                             |                              |
|-----------------------------|------------------------------|
| <b>Personal precautions</b> | Ensure adequate ventilation. |
|-----------------------------|------------------------------|

### Methods and material for containment and cleaning up

|                                        |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| <b>Methods for containment</b>         | Prevent further leakage or spillage if safe to do so.                                |
| <b>Methods for cleaning up</b>         | Pick up and transfer to properly labeled containers.                                 |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations. |

## 7. Handling and storage

### Precautions for safe handling

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| <b>Advice on safe handling</b> | Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|------------------------------------------------------------------------|

### Conditions for safe storage, including any incompatibilities

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| <b>Storage Conditions</b> | Keep container tightly closed in a dry and well-ventilated place. |
|---------------------------|-------------------------------------------------------------------|

## 8. Exposure controls/personal protection

### Control parameters

|                        |                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exposure Limits</b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Appropriate engineering controls**

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Engineering controls</b> | Showers<br>Eyewash stations<br>Ventilation systems. |
|-----------------------------|-----------------------------------------------------|

**Individual protection measures, such as personal protective equipment**

|                                       |                                                                                                                                                                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>            | Appropriate eye/face protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.                                                                                                              |
| <b>Hand protection</b>                | Appropriate hand protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.                                                                                                                  |
| <b>Skin and body protection</b>       | Appropriate skin and body protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.                                                                                                         |
| <b>Respiratory protection</b>         | Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice.                                                                                                                                                                                                                        |

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | Viscous Liquid           |
| <b>Color</b>          | No information available |
| <b>Odor</b>           | Mild to sweet            |
| <b>Odor threshold</b> | No information available |

| <b><u>Property</u></b>                         | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |
|------------------------------------------------|--------------------------|--------------------------------|
| <b>pH</b>                                      | No data available        | None known                     |
| <b>pH (as aqueous solution)</b>                |                          | None known                     |
| <b>Melting point / freezing point</b>          | No data available        | None known                     |
| <b>Initial boiling point and boiling range</b> | No data available        | None known                     |
| <b>Flash point</b>                             | > 148.889 °C / 300.2 °F  | None known                     |
| <b>Evaporation rate</b>                        | No data available        | None known                     |
| <b>Flammability</b>                            | No data available        | None known                     |
| <b>Flammability Limit in Air</b>               |                          | None known                     |
| <b>Upper flammability or explosive limits</b>  | No data available        |                                |
| <b>Lower flammability or explosive limits</b>  | No data available        |                                |
| <b>Vapor pressure</b>                          | No data available        | None known                     |
| <b>Relative vapor density</b>                  | > 1.0                    | None known                     |
| <b>Relative density</b>                        | 1.05 - 1.15              | None known                     |
| <b>Water solubility</b>                        | Insoluble in water       | None known                     |
| <b>Solubility(ies)</b>                         | No data available        | None known                     |
| <b>Partition coefficient</b>                   | No data available        | None known                     |
| <b>Autoignition temperature</b>                | No data available        | None known                     |
| <b>Decomposition temperature</b>               |                          | None known                     |
| <b>Kinematic viscosity</b>                     | No data available        | None known                     |
| <b>Dynamic viscosity</b>                       | 5,000 - 50,000 centipose | None known                     |

**Other information**

|                      |                          |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point      | No information available |
| Molecular weight     | No information available |
| VOC content          | No information available |
| Liquid Density       | No information available |
| Bulk density         | No information available |

## 10. Stability and reactivity

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

## 11. Toxicological information

### Information on likely routes of exposure

|              |                                                                                                                  |
|--------------|------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.     |
| Eye contact  | Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation.        |
| Skin contact | Specific test data for the substance or mixture is not available. No known effect based on information supplied. |
| Ingestion    | Specific test data for the substance or mixture is not available. May be harmful if swallowed.                   |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

### Acute toxicity

**Numerical measures of toxicity**  
No information available

The following values are calculated based on chapter 3.1 of the GHS document

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                   |                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation         | Classification based on data available for ingredients. No information available.                     |
| Serious eye damage/eye irritation | Classification based on data available for ingredients. No known effects under normal use conditions. |

|                                          |                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Respiratory or skin sensitization</b> | Classification based on data available for ingredients. No information available. |
| <b>Germ cell mutagenicity</b>            | Classification based on data available for ingredients. No information available. |
| <b>Carcinogenicity</b>                   | Classification based on data available for ingredients. No information available. |
| <b>Reproductive toxicity</b>             | Classification based on data available for ingredients. No information available. |
| <b>STOT - single exposure</b>            | No information available.                                                         |
| <b>STOT - repeated exposure</b>          | No information available.                                                         |
| <b>Aspiration hazard</b>                 | No information available.                                                         |
| <b>Other adverse effects</b>             | No information available.                                                         |
| <b>Interactive effects</b>               | No information available.                                                         |

## 12. Ecological information

|                                      |                                                                           |
|--------------------------------------|---------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.                                                 |
| <b>Bioaccumulation</b>               | There is no data for this product.                                        |
| <b>Other adverse effects</b>         | No information available.                                                 |

## 13. Disposal considerations

### Disposal methods

|                                            |                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.                                                                                  |

## 14. Transport information

|                   |               |
|-------------------|---------------|
| <b><u>DOT</u></b> | Not regulated |
|-------------------|---------------|

IATA Not regulated

IMDG Not regulated

## 15. Regulatory information

### International Inventories

|               |                                                   |
|---------------|---------------------------------------------------|
| TSCA          | Contact supplier for inventory compliance status. |
| DSL/NDL       | Contact supplier for inventory compliance status. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS          | Contact supplier for inventory compliance status. |
| IECSC         | Contact supplier for inventory compliance status. |
| KECI          | Contact supplier for inventory compliance status. |
| PICCS         | Contact supplier for inventory compliance status. |
| AIIC          | Contact supplier for inventory compliance status. |
| NZIoC         | Contact supplier for inventory compliance status. |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AIIC** - Australian Inventory of Industrial Chemicals

**NZIoC** - New Zealand Inventory of Chemicals

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

#### **CERCLA**

### US State Regulations

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

#### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. Other information

|             |                         |                       |                           |                              |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 1 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 1 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

#### Legend Section 8: Exposure controls/personal protection

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | Sk*  | Skin designation                 |
| +       | Sensitizers                 |      |                                  |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 13-Sep-2024  
**Revision Note** No information available.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision date 08-May-2025

Revision Number 1

## 1. Identification

### Product identifier

Product Name Part B:  
Mold Max 29NV, 40, Stroke  
Fast Cat 30  
Silicone 3030

### Other means of identification

Product Code(s) FG-1427B

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended use Silicone Elastomer Crosslinker

Restrictions on use No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

Smooth-On, Inc, 5600 Lower Macungie Rd, Macungie, PA 18062, USA, Phone: +01.610.252.5800, www.smooth-on.com, sds@smooth-on.com

E-mail sds@smooth-on.com

### Emergency telephone number

Emergency Telephone Chemtel: US: 1-800.255.3924; International: 1-813.248.0585

## 2. Hazard(s) identification

### Classification

|                                           |            |
|-------------------------------------------|------------|
| Flammable liquids                         | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements



Warning

**Hazard statements**

H227 - Combustible liquid

H332 - Harmful if inhaled

**Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection and face protection.

Avoid breathing dust, fume, gas, mist, vapors and spray.

Use only outdoors or in a well-ventilated area.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Precautionary Statements - Storage**

Store locked up.

Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Other information**

May be harmful if swallowed. May be harmful in contact with skin. Toxic to aquatic life with long lasting effects.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

| Chemical name                                                     | CAS No.    | Weight-% | Trade secret |
|-------------------------------------------------------------------|------------|----------|--------------|
| Silicic acid (H <sub>4</sub> SiO <sub>4</sub> ), tetraethyl ester | 78-10-4    | 5 - 10   | *            |
| Dimethyltin dineodecanoate                                        | 68928-76-7 | 5 - 10   | *            |
| Silane, triethoxyoctyl-                                           | 2943-75-1  | 3 - 7    | *            |
| Ethyl alcohol                                                     | 64-17-5    | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

**Description of first aid measures**

|                                           |                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.                                                                                                                                                                                      |
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately.                                                                                                                                                |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.                                                                             |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.                                                                                                                                                                                                |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention.                                                                                                                                                                                   |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See section 8 for more information. |

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

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| <b>Symptoms</b>            | Coughing and/ or wheezing. Difficulty in breathing. |
| <b>Effects of Exposure</b> | No information available.                           |

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. Fire-fighting measures**

|                                                                       |                                                                                                                                                             |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b><br>Large Fire                     | Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.<br>CAUTION: Use of water spray when fighting fire may be inefficient. |
| <b>Unsuitable extinguishing media</b>                                 | Do not scatter spilled material with high pressure water streams.                                                                                           |
| <b>Specific hazards arising from the chemical</b>                     | Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.                                 |
| <b>Explosion data</b><br>Sensitivity to mechanical impact             | None.                                                                                                                                                       |
| Sensitivity to static discharge                                       | Yes.                                                                                                                                                        |
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.                          |

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | Evacuate personnel to safe areas. Use personal protective equipment as required. See |
|-----------------------------|--------------------------------------------------------------------------------------|

section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Ensure adequate ventilation. Avoid breathing vapors or mists.

**Other information**

Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up****Methods for containment**

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children.

**8. Exposure controls/personal protection****Working area parameters, subject to mandatory control (MAC or TSEL)****Exposure Limits**

| Chemical name                                                                | ACGIH TLV                                                              | OSHA PEL                                                                                                         | NIOSH                                                                              |
|------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Silicic acid (H <sub>4</sub> SiO <sub>4</sub> ), tetraethyl ester<br>78-10-4 | TWA: 10 ppm                                                            | TWA: 100 ppm<br>TWA: 850 mg/m <sup>3</sup><br>(vacated) TWA: 10 ppm<br>(vacated) TWA: 85 mg/m <sup>3</sup>       | IDLH: 700 ppm<br>TWA: 10 ppm<br>TWA: 85 mg/m <sup>3</sup>                          |
| Dimethyltin dineodecanoate<br>68928-76-7                                     | TWA: 0.1 mg/m <sup>3</sup> Sn<br>STEL: 0.2 mg/m <sup>3</sup> Sn<br>Sk* | TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) Sk*                        | IDLH: 25 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> except<br>Cyhexatin Sn |
| Ethyl alcohol<br>64-17-5                                                     | STEL: 1000 ppm                                                         | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup>                     |

**Appropriate engineering controls**

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Engineering controls | Showers<br>Eyewash stations<br>Ventilation systems. |
|----------------------|-----------------------------------------------------|

**Individual protection measures, such as personal protective equipment**

|                                |                                                                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection            | Tight sealing safety goggles.                                                                                                                                                                                                                                                                 |
| Hand protection                | Wear suitable gloves.                                                                                                                                                                                                                                                                         |
| Skin and body protection       | Wear suitable protective clothing.                                                                                                                                                                                                                                                            |
| Respiratory protection         | Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| General hygiene considerations | Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.                           |

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                |                            |
|----------------|----------------------------|
| Physical state | Liquid                     |
| Appearance     | Translucent viscous liquid |
| Color          | clear; yellow; red; Teal   |
| Odor           | Sweet                      |
| Odor threshold | No information available   |

| <b><u>Property</u></b>                  | <b><u>Values</u></b>       | <b><u>Remarks • Method</u></b> |
|-----------------------------------------|----------------------------|--------------------------------|
| pH                                      | No data available          | None known                     |
| pH (as aqueous solution)                |                            | None known                     |
| Melting point / freezing point          | No data available          | None known                     |
| Initial boiling point and boiling range | > 211.1111 °C / 412.000 °F | None known                     |
| Flash point                             | > 65.5556 °C / 150.000 °F  | None known                     |
| Evaporation rate                        | No data available          | None known                     |
| Flammability                            | No data available          | None known                     |
| Flammability Limit in Air               |                            | None known                     |
| Upper flammability or explosive limits  | No data available          |                                |
| Lower flammability or explosive limits  | No data available          |                                |
| Vapor pressure                          | No data available          | None known                     |
| Relative vapor density                  | No data available          | None known                     |
| Relative density                        | 1.0 - 1.1                  | None known                     |
| Water solubility                        | Insoluble in water         | None known                     |
| Solubility(ies)                         | No data available          | None known                     |
| Partition coefficient                   | No data available          | None known                     |
| Autoignition temperature                | No data available          | None known                     |
| Decomposition temperature               |                            | None known                     |
| Kinematic viscosity                     | No data available          | None known                     |
| Dynamic viscosity                       | < 100 centipoise           | None known                     |

**Other information**

|                      |                          |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point      | No information available |
| Molecular weight     | No information available |
| VOC content          | No information available |
| Liquid Density       | No information available |
| Bulk density         | No information available |

## 10. Stability and reactivity

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | Heat, flames and sparks. Excessive heat.  |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. Harmful by inhalation. (based on components). |
| Eye contact  | Specific test data for the substance or mixture is not available.                                               |
| Skin contact | May be harmful in contact with skin.                                                                            |
| Ingestion    | Specific test data for the substance or mixture is not available.                                               |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |                            |
|----------|----------------------------|
| Symptoms | Coughing and/ or wheezing. |
|----------|----------------------------|

|                       |                        |
|-----------------------|------------------------|
| <u>Acute toxicity</u> | Harmful by inhalation. |
|-----------------------|------------------------|

#### Numerical measures of toxicity

#### The following ATE values have been calculated for the mixture

|                               |                |
|-------------------------------|----------------|
| ATEmix (oral)                 | 4,552.70 mg/kg |
| ATEmix (dermal)               | 3,652.50 mg/kg |
| ATEmix (inhalation-dust/mist) | 1.764 mg/l     |

#### Component Information

| Chemical name                                      | Oral LD50             | Dermal LD50             | Inhalation LC50                                  |
|----------------------------------------------------|-----------------------|-------------------------|--------------------------------------------------|
| Silicic acid (H4SiO4), tetraethyl ester<br>78-10-4 | = 6270 mg/kg ( Rat )  | = 5878 mg/kg ( Rabbit ) | = 10 mg/L ( Rat ) 4 h<br>> 16.8 mg/L ( Rat ) 4 h |
| Silane, triethoxyoctyl-                            | = 10060 µL/kg ( Rat ) | = 6730 mg/kg ( Rabbit ) | > 22 ppm ( Rat ) 4 h                             |

|                          |                      |                         |                                                      |
|--------------------------|----------------------|-------------------------|------------------------------------------------------|
| 2943-75-1                |                      | > 8000 mg/kg ( Rabbit ) |                                                      |
| Ethyl alcohol<br>64-17-5 | = 7060 mg/kg ( Rat ) | -                       | = 116.9 mg/L ( Rat ) 4 h<br>= 133.8 mg/L ( Rat ) 4 h |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name            | ACGIH | IARC    | NTP   | OSHA |
|--------------------------|-------|---------|-------|------|
| Ethyl alcohol<br>64-17-5 | A3    | Group 1 | Known | X    |

#### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**Occupational Safety and Health Administration of the US Department of Labor**

X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Chemical name                                                                | Algae/aquatic plants | Fish                                                                                                                                                | Toxicity to microorganisms | Crustacea                                                                        |
|------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------|
| Silicic acid (H <sub>4</sub> SiO <sub>4</sub> ), tetraethyl ester<br>78-10-4 | -                    | LC50: >245mg/L (96h, Danio rerio)                                                                                                                   | -                          | -                                                                                |
| Silane, triethoxyoctyl-<br>2943-75-1                                         | -                    | LC50: >0.055mg/L (96h, Oncorhynchus mykiss)                                                                                                         | -                          | -                                                                                |
| Ethyl alcohol<br>64-17-5                                                     | -                    | LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss)<br>LC50: >100mg/L (96h, Pimephales promelas)<br>LC50: 13400 - 15100mg/L (96h, Pimephales promelas) | -                          | LC50: 9268 - 14221mg/L (48h, Daphnia magna)<br>EC50: =2mg/L (48h, Daphnia magna) |

**Persistence and degradability** No information available.

#### Bioaccumulation

##### Component Information

| Chemical name                        | Partition coefficient |
|--------------------------------------|-----------------------|
| Silane, triethoxyoctyl-<br>2943-75-1 | 6.41                  |
| Ethyl alcohol<br>64-17-5             | -0.35                 |

**Other adverse effects** No information available.

## 13. Disposal considerations

#### Disposal methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste.

## 14. Transport information

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory information

### International Inventories

|                      |                                                   |
|----------------------|---------------------------------------------------|
| <b>TSCA</b>          | Contact supplier for inventory compliance status. |
| <b>DSL/NDL</b>       | Contact supplier for inventory compliance status. |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status. |
| <b>ENCS</b>          | Contact supplier for inventory compliance status. |
| <b>IECSC</b>         | Contact supplier for inventory compliance status. |
| <b>KECL</b>          | Contact supplier for inventory compliance status. |
| <b>PICCS</b>         | Contact supplier for inventory compliance status. |
| <b>AIIC</b>          | Contact supplier for inventory compliance status. |
| <b>NZIoC</b>         | Contact supplier for inventory compliance status. |

#### **Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

### U.S. State Right-to-Know Regulations

| Chemical name                                                                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------------------------------------------------------|------------|---------------|--------------|
| Silicic acid (H <sub>4</sub> SiO <sub>4</sub> ), tetraethyl ester<br>78-10-4 | X          | X             | X            |

|                          |   |   |   |
|--------------------------|---|---|---|
| Ethyl alcohol<br>64-17-5 | X | X | X |
|--------------------------|---|---|---|

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

|                                   |                           |                                  |                           |                              |
|-----------------------------------|---------------------------|----------------------------------|---------------------------|------------------------------|
| <b>NFPA</b>                       | <b>Health hazards</b> 3   | <b>Flammability</b> 2            | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b>                       | <b>Health hazards</b> 2 * | <b>Flammability</b> 2            | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |
| <i>Chronic Hazard Star Legend</i> |                           | <i>* = Chronic Health Hazard</i> |                           |                              |

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

**Legend Section 8: Exposure controls/personal protection**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | Sk*  | Skin designation                 |
| +       | Sensitizers                 |      |                                  |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

Revision date 08-May-2025

Revision Note No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

**End of Safety Data Sheet**