

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 10/11/2022
Date of issue: 03/04/2014

Revision date: 10/11/2022 Date of issue: 03/04/2014 Version: 3.0

SECTION 1: Identification

1.1. Product identifier

Product Form Mixture

Product Name SCV-2585 Part A Synonyms Silicone Elastomer

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

Use of the substance/mixture 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

productstewardship@avantorsciencesgcc.com

www.nusil.com

1.4. Emergency telephone number

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

number and Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

Other hazards not contributing No additional information available

to the classification

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

0.27 17.11.21.01.0			
Name	Product identifier	%	GHS-US classification
Silanamine, 1,1,1-trimethyl-N- (trimethylsilyl)-, hydrolysis products	(CAS No) 68909-20-6	20 - 40	Not classified
with silica			

10/11/2022 EN (English US) 1/7

inhalation

contact

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 When symptoms occur: go into open air and ventilate

suspected area. Obtain medical attention if breathing

difficulty persists.

First-aid measures after skin Remove contaminated clothing. Drench affected area with

water for at least 15 minutes. Obtain medical attention if

irritation develops or persists.

First-aid measures after eye Rinse cautiously with water for at least 15 minutes. Remove contact

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

Obtain medical attention.

First-aid measures after Rinse mouth. Do NOT induce vomiting. Obtain medical

attention.

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

Symptoms/injuries Not expected to present a significant hazard under

anticipated conditions of normal use.

Prolonged exposure may cause irritation.

Symptoms/injuries after

inhalation

inaestion

Symptoms/injuries after skin Prolonged exposure may cause skin irritation.

contact

Symptoms/injuries after eye

contact

Symptoms/injuries after

ingestion

May cause slight irritation to eyes.

Ingestion may cause adverse effects.

Chronic symptoms None known.

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 Water spray, dry chemical, alcohol-resistant foam, carbon

dioxide.

Unsuitable extinguishing media Do not use a heavy water stream. Use of heavy stream of

> water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.

5.2. Special hazards arising from the substance or mixture

Fire hazard Not considered flammable but may burn at high

temperatures.

Product is not explosive. **Explosion hazard**

Reactivity Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire Exercise caution when fighting any chemical fire. Under fire

conditions, hazardous fumes will be present.

Firefighting instructions Use water spray or fog for cooling exposed containers.

10/11/2022 EN (English US) 2/7 According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Protection during firefighting Do not enter fire area without proper protective equipment,

including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Avoid prolonged contact with eyes, skin and clothing. Avoid

breathing (vapor, mist, spray).

6.1.1. For non-emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE).

Emergency procedures Evacuate unnecessary personnel.

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.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment Contain any spills with dikes or absorbents to prevent

migration and entry into sewers or streams.

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.

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

Precautions for safe handling Wash hands and other exposed areas with mild soap and

water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing.

Avoid breathing vapors, mist, spray.

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.

Storage conditions Keep container closed when not in use. Store in a dry, cool

place. Keep/Store away from direct sunlight, extremely high or

low temperatures and incompatible materials.

Incompatible products Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

For professional use only.

10/11/2022 EN (English US) 3/7

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).

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)			
USA OSHA	OSHA PEL (TWA) (mg/m³)	6 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	20 mppcf (80 mg/m³/%SiO2)	

8.2. Exposure controls

Appropriate engineering

controls

Personal protective

equipment

Ensure adequate ventilation, especially in confined areas.

Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.





Materials for protective

clothing

Hand protection Eve protection

Skin and body protection

Respiratory protection

Chemically resistant materials and fabrics.

Wear protective gloves.

Chemical safety goggles.

Wear suitable protective clothing.

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 : Translucent Odor : Odorless

Odor threshold : No data available рΗ : No data available **Evaporation Rate** : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available Flash point $: > 135 \,^{\circ}\text{C} (> 275 \,^{\circ}\text{F})$ **Auto-ignition Temperature** : No data available Decomposition temperature : No data available

Flammability (solid, gas) : No data available Vapor pressure : No data available

Relative vapor density at 20 °C : No data available Relative density : No data available

10/11/2022 EN (English US)

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Specific Gravity : > 1

Solubility : No data available
Partition coefficient: n-octanol/water : No data available
Viscosity : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Silicon oxides. Carbon oxides (CO, CO₂). May produce explosive hydrogen gas on contact with incompatibilities or upon thermal decomposition. Will decompose above $150\,^{\circ}$ C (> $300\,^{\circ}$ F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Skin corrosion/irritation
Serious eye damage/irritation
Respiratory or skin sensitization
Germ cell mutagenicity

Carcinogenicity

Not classified
Not classified
Not classified
Not classified
Not classified

Reproductive toxicity : Not classified Specific target organ toxicity (single : Not classified

exposure)

Specific target organ toxicity (repeated : Not classified

exposure)

Aspiration hazard Not classified

Symptoms/injuries after Prolonged exposure may cause irritation.

inhalation

Symptoms/injuries after skin Prolonged exposure may cause skin irritation.

contact

Symptoms/injuries after eye May cause slight irritation to eyes.

contact

Symptoms/injuries after Ingestion may cause adverse effects.

ingestion

10/11/2022 EN (English US) 5/7

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Chronic symptoms

None known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general Not classified.

12.2. Persistence and degradability

()	/_2585	Part A	
	I = Z.303	IUIIA	

Persistence and degradability Not established.

12.3. Bioaccumulative potential

SCV-2585 Part A

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal Dispose of contents/container in accordance with local,

recommendations regional, national, and international regulations.

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 Not regulated for transport
- **14.2. In Accordance with IMDG** Not regulated for transport
- **14.3.** In Accordance with IATA Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

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

15.2. US State regulations

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)

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

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

SECTION 16: Other information, including date of preparation or last revision

Revision date 10/11/2022

10/11/2022 EN (English US) 6/7

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information This document has been prepared in accordance with the

SDS requirements of the OSHA Hazard Communication

Standard 29 CFR 1910.1200.

NFPA health hazard 1 - Exposure could cause irritation but

only minor residual injury even if no

treatment is given.

NFPA fire hazard 1 - Must be preheated before ignition

can occur.

NFPA reactivity 0 - Normally stable, even under fire

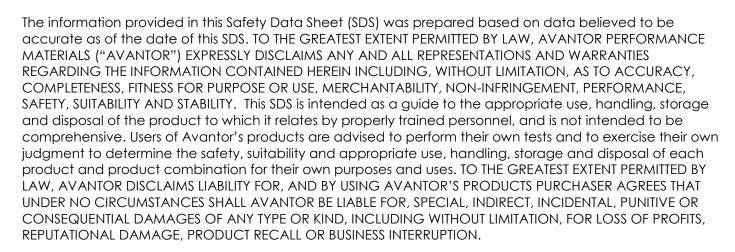
exposure conditions, and are not

reactive with water.

HMIS III Rating

Health 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability 1 Slight Hazard
Physical 0 Minimal Hazard



NuSil US GHS SDS

10/11/2022 EN (English US) 7/7





Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 10/11/2022 Date of issue: 03/04/2014

Version: 3.0

SECTION 1: Identification

1.1. Product identifier

Product Form Mixture

Product Name SCV-2585 Part B Synonyms Silicone Elastomer

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

Use of the substance/mixture 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

productstewardship@avantorsciencesgcc.com

www.nusil.com

1.4. Emergency telephone number

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

number and Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

Other hazards not contributing No additional information available

to the classification

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Silanamine, 1,1,1-trimethyl-N- (trimethylsilyl)-, hydrolysis products with silica	(CAS No) 68909-20-6	20 - 40	Not classified
Siloxanes and Silicones, dimethyl, methyl hydrogen	(CAS No) 68037-59-2	< 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

10/11/2022 EN (English US) 1/7

inhalation

contact

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 When symptoms occur: go into open air and ventilate

suspected area. Obtain medical attention if breathing

difficulty persists.

First-aid measures after skin Remove contaminated clothing. Drench affected area with

water for at least 15 minutes. Obtain medical attention if

irritation develops or persists.

First-aid measures after eye

Rinse cautiously with water for at least 15 minutes. Remove contact

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

Obtain medical attention.

First-aid measures after Rinse mouth. Do NOT induce vomiting. Obtain medical

attention.

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

Symptoms/injuries Not expected to present a significant hazard under

anticipated conditions of normal use.

Prolonged exposure may cause irritation. Symptoms/injuries after

inhalation

inaestion

Symptoms/injuries after skin Prolonged exposure may cause skin irritation.

contact

Symptoms/injuries after eye May cause slight irritation to eyes.

contact

Symptoms/injuries after Ingestion may cause adverse effects.

ingestion

Chronic symptoms None known.

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 Water spray, dry chemical, alcohol-resistant foam, carbon

dioxide.

Unsuitable extinguishing media Do not use a heavy water stream. Use of heavy stream of

> water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.

5.2. Special hazards arising from the substance or mixture

Fire hazard Not considered flammable but may burn at high

temperatures.

Product is not explosive. **Explosion hazard**

Reactivity Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire Exercise caution when fighting any chemical fire. Under fire

conditions, hazardous fumes will be present.

Firefighting instructions Use water spray or fog for cooling exposed containers.

10/11/2022 EN (English US) 2/7 According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Protection during firefighting Do not enter fire area without proper protective equipment,

including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Avoid prolonged contact with eyes, skin and clothing. Avoid

breathing (vapor, mist, spray).

6.1.1. For non-emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE).

Emergency procedures Evacuate unnecessary personnel.

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.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment Contain any spills with dikes or absorbents to prevent

migration and entry into sewers or streams.

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.

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

Precautions for safe handling Wash hands and other exposed areas with mild soap and

water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing.

Avoid breathing vapors, mist, spray.

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.

Storage conditions Keep container closed when not in use. Store in a dry, cool

place. Keep/Store away from direct sunlight, extremely high or

low temperatures and incompatible materials.

Incompatible products Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s) For professional use only.

10/11/2022 EN (English US) 3/7

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).

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)			
USA OSHA	OSHA PEL (TWA) (mg/m³)	6 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	20 mppcf (80 mg/m³/%SiO2)	

8.2. Exposure controls

Appropriate engineering Ensu

controls

Personal protective

equipment

Ensure adequate ventilation, especially in confined areas.

Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.





Materials for protective

clothing

Hand protection Eye protection

Skin and body protection Respiratory protection

Flammability (solid, gas)

Chemically resistant materials and fabrics.

Wear protective gloves.

Chemical safety goggles.

Wear suitable protective clothing.

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 : Translucent Odor : Odorless

Odor threshold : No data available рΗ : No data available **Evaporation Rate** : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available Flash point $: > 135 \,^{\circ}\text{C} (> 275 \,^{\circ}\text{F})$ **Auto-ignition Temperature** : No data available : No data available Decomposition temperature

Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available

10/11/2022 EN (English US) 4/7

: No data available

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Specific Gravity : > 1

Solubility : No data available
Partition coefficient: n-octanol/water : No data available
Viscosity : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Contact with water, alcohols, acids or bases, and many metals or metallic compounds can liberate flammable Hydrogen gas which can form explosive mixtures in air.

10.2. Chemical Stability

Stable at normal conditions.

10.3. Possibility of Hazardous Reactions

Evolved hydrogen gas is flammable and may form explosive mixtures with air.

10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials

Water, alcohols, acids, bases, strong oxidizing agents, catalytic metals, metallic compounds.

10.6. Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Flammable hydrogen gas. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Skin corrosion/irritation
Serious eye damage/irritation
Respiratory or skin sensitization
Germ cell mutagenicity
Carcinogenicity

Not classified
Not classified
Not classified
Not classified

Reproductive toxicity : Not classified Specific target organ toxicity (single : Not classified

exposure)

Specific target organ toxicity (repeated : Not classified

exposure)

Aspiration hazard Not classified

Symptoms/injuries after Prolonged exposure may cause irritation.

inhalation

Symptoms/injuries after skin Prolonged exposure may cause skin irritation.

contact

Symptoms/injuries after eye May cause slight irritation to eyes.

contact

Symptoms/injuries after Ingestion may cause adverse effects.

ingestion

Chronic symptoms None known.

10/11/2022 EN (English US) 5/:

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general Not classified.

12.2. Persistence and degradability

SCV-2585 Part B	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

SCV-2585 Part B		
	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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal Dispose of contents/container in accordance with local,

recommendations regional, national, and international regulations.

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** Not regulated for transport
- **14.2. In Accordance with IMDG** Not regulated for transport
- **14.3. In Accordance with IATA** Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

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

15.2. US State regulations

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)

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

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

SECTION 16: Other information, including date of preparation or last revision

Revision date 10/11/2022

10/11/2022 EN (English US) 6/7

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information This document has been prepared in accordance with the

SDS requirements of the OSHA Hazard Communication

Standard 29 CFR 1910.1200.

NFPA health hazard 1 - Exposure could cause irritation but

only minor residual injury even if no

treatment is given.

NFPA fire hazard 1 - Must be preheated before ignition

can occur.

NFPA reactivity 0 - Normally stable, even under fire

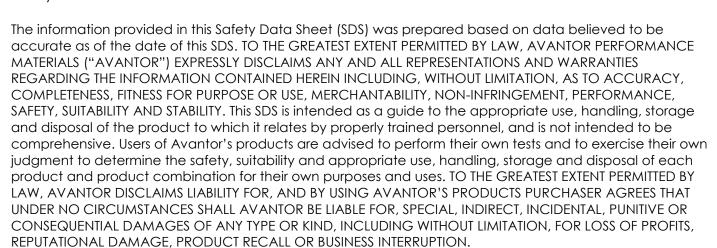
exposure conditions, and are not

reactive with water.

HMIS III Rating

Health 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability 1 Slight Hazard
Physical 0 Minimal Hazard



NuSil US GHS SDS

10/11/2022 EN (English US) 7/7