Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision Date: 10/30/2023 Date of Issue: 04/14/2014





Version: 4.0

SECTION 1: Identification

1.1. Product Identifier

Product Form Product Name Synonyms Mixture MED3-6311 Part A 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 and Maritime)

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

GHS-US Classification

Reproductive toxicity Category 1B H360

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US) Hazard Statements (GHS-US) Precautionary Statements (GHS-US) Danger H360 - May damage fertility or the unborn child P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing, and eye protection. P308+P313 - If exposed or concerned: Get medical advice/attention. 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.

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

2.4. Unknown Acute Toxicity (GHS-US)

80 - 100% of the mixture consists of ingredients of unknown acute toxicity.

SECTION 3: Composition/Information On Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product Identifier | %* | GHS-US Classification |
|---------------------------|---------------------|-----|-----------------------|
| Methyl vinylcyclosiloxane | (CAS-No.) 2554-06-5 | <] | Repr. 1B, H360 |

Full text of H-phrases: see section 16

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

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 |
| Inhalation | suspected area. Obtain medical attention if breathing difficulty persists. |
| First-aid Measures After Skin | Remove contaminated clothing. Drench affected area with |
| Contact | water for at least 5 minutes. If exposed or concerned: Get medical advice/attention. |
| First-aid Measures After Eye | Rinse cautiously with water for at least 5 minutes. Remove |
| Contact | contact lenses, if present and easy to do. Continue rinsing. |
| | Obtain medical attention if irritation develops or persists. |
| First-aid Measures After | Rinse mouth. Do NOT induce vomiting. Obtain medical |
| Ingestion | attention. |
| 4.2. Most Important Symptoms | and Effects Both Acute and Delayed |
| Symptoms/Injuries | May damage fertility. May damage the unborn child. |
| 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 | May damage fertility. May damage 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.

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

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

| Suitable Extinguishing Media | : Water spray, fog, carbon dioxide (CO ₂), alcohol-resistant foam, or dry chemical. |
|---------------------------------|---|
| Unsuitable Extinguishing Media | : Do not use a heavy water stream. Use of heavy stream of water may spread fire. |
| 5.2. Special Hazards Arising Fr | rom the Substance or Mixture |
| Fire Hazard | Not considered flammable but may burn at high temperatures. |
| Explosion Hazard | Product is not explosive. |
| Reactivity | Hazardous reactions will not occur under normal conditions. |
| 5.3. Advice for Firefighters | |
| Precautionary Measures Fire | Exercise caution when fighting any chemical fire. |
| Firefighting Instructions | Use water spray or fog for cooling exposed containers. |
| Protection During Firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. |
| Hazardous Combustion | Carbon oxides (CO, CO ₂). Formaldehyde. Silicon oxides. Metal |
| Products | oxides. |

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. Do not breathe |
|---------------------------------|---|
| | vapor, mist or spray. |
| 6.1.1. For Non-Emergency Perso | onnel |
| Protective Equipment | Use appropriate personal protective equipment (PPE). |
| Emergency Procedures | Evacuate unnecessary personnel. |
| 6.1.2. For emergency responde | ers |
| 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 Precauti | ions |
| Prevent entry to sewers and put | olic waters. |
| , . | for Contrinuo ant and Cloaning Un |

6.3. Methods and Materials for Containment and Cleaning Up

| For Containment | Contain any spills with dikes or absorbents to prevent migration |
|-------------------------|---|
| Methods for Cleaning Up | and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. |
| | Absorb and/or contain spill with inert material. 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.

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

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

| Additional Hazards When | Will decompose above 150 °C (> 300 °F) releasing |
|---------------------------------|--|
| Processed | formaldehyde vapors. |
| Precautions for Safe Handling | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapors/spray. Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety procedures. |
| 7.2. Conditions for Safe Storag | e, 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. Store locked up/in a secure area. |
| Incompatible Materials | Strong acids, strong bases, strong oxidizers. |
| 7.3. Specific End Use(S) | |

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).

8.2. Exposure Controls

Appropriate Engineering Controls

Personal Protective Equipment

Ensure adequate ventilation, especially in confined areas. Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure all national/local regulations are observed.

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



Materials For Protective Clothing Hand Protection Eye And Face 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. Safety Data Sheet According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

| | ical and chemical hopens |
|-----------------------------------|--------------------------|
| Physical State | Liquid |
| Appearance | Colorless |
| Odor | Odorless |
| Odor Threshold | No data available |
| рН | 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 °C (275 °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 | < 1 (water = 1) |
| Specific Gravity | No data available |
| Solubility | No data available |
| Partition Coefficient n-Octanol/W | /ater No data available |
| Viscosity | No data available |
| 9.2. Other Information | |
| VOC Content | < 1% |
| | |

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

Thermal decomposition may produce: Carbon oxides (CO, CO₂). Silicon oxides. Will decompose above 150 °C (> 300 °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.

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

SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

| Acute Toxicity (Oral) | Not classified |
|-----------------------------------|---|
| Acute Toxicity (Dermal) | Not classified |
| Acute Toxicity (Inhalation) | Not classified |
| Methyl vinylcyclosiloxane (2554-0 | D6-5) |
| LD50 Oral Rat | > 4800 mg/kg (Read accross, no deaths) |
| LD50 Dermal Rabbit | > 2000 mg/kg (no deaths) |
| LC50 Inhalation Rat | > 1.32 mg/l/4h (Species: Sprague-Dawley, maximum achievable |
| | concentration, no deaths) |
| Skin Corrosion/Irritation | Not classified |
| Serious Eye Damage/Irritation | Not classified |
| Respiratory or Skin Sensitization | Not classified |
| Germ Cell Mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive Toxicity | May damage fertility. May damage the unborn child. |
| Specific Target Organ Toxicity | Not classified |
| (Single Exposure) | |
| Specific Target Organ Toxicity | Not classified |
| (Repeated 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 | May damage fertility. May damage the unborn child. |
| | |

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - General

Not classified.

12.2. Persistence and Degradability

| MED3-6311 Part A | | |
|---------------------------------------|------------------|--|
| Persistence and Degradability | Not established. | |
| 12.3. Bioaccumulative Potential | | |
| MED3-6311 Part A | | |
| Bioaccumulative Potential | Not established. | |
| Methyl vinylcyclosiloxane (2554-06-5) | | |
| Partition coefficient n- | 6.47 | |
| octanol/water (Log Pow) | | |

12.4. Mobility In Soil

No additional information available

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

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. |
| Additional Information | Container may remain hazardous when empty. Continue to |
| | observe all precautions. |
| Ecology - Waste Materials | Avoid release to the environment. |

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

| MED3-6311 Part A | |
|--|---------------------------------------|
| SARA Section 311/312 Hazard Classes | Health hazard - Reproductive toxicity |

15.2. US State Regulations

Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed

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

| Date of Preparation or Latest Revision | 10/30/2023 |
|---|---|
| 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: | |
| 11270 | May damage fortility or the unbern shild |

H360 May damage fertility or the unborn child

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

| NFPA Health Hazard | 1 - Materials that, under emergency conditions, can cause significant irritation. |
|------------------------|---|
| NFPA Fire Hazard | 1 - Materials that must be preheated before ignition can occur. |
| NFPA Reactivity Hazard | 0 - Material that in themselves are normally stable, even under fire conditions. |
| HMIS III Rating | |
| Health | 1 Slight Hazard |
| | * Chronic - Chronic (long-term) health effects may result from repeated overexposure |
| Flammability | 1 Slight Hazard |
| Physical | 0 Minimal Hazard |

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NuSil's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT **RECALL OR BUSINESS INTERRUPTION.**

NUSII US GHS SDS

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 10/30/2023 Revision date: 04/14/2014



Version: 4.0

SECTION 1: Identification

1.1. Product identifier

Product form Product Name Synonym : Mixture : MED3-6311 Part B 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 and Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT SE 3 H335 Full text of bazard classes and H-

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

2.2. Label elements GHS-US labeling

Hazard pictograms (GHS-US)



| | 91307 |
|--------------------------------|--|
| Signal word (GHS-US) | : Warning |
| Hazard statements (GHS-US) | : H315 - Causes skin irritation |
| | H319 - Causes serious eye irritation |
| | H335 - May cause respiratory irritation |
| Precautionary statements (GHS- | : P261 - Avoid breathing vapors, mist, or spray. |
| US) | P264 - Wash hands, forearms, and exposed areas thoroughly |
| | after handling. |
| | P271 - Use only outdoors or in a well-ventilated area. |
| | P280 - Wear eye protection, face protection, protective |
| | clothing, protective gloves. |
| | P302+P352 - If on skin: Wash with plenty of water. |
| | P304+P340 - If inhaled: Remove person to fresh air and keep at |
| | rest in a position comfortable for breathing. |
| | |

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

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see Section 4 on this SDS).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Other hazards not contributing to the classification

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

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

| Name | Product identifier | % | GHS-US classification |
|---|---------------------|---------|---|
| Siloxanes and Silicones, dimethyl, methyl hydrogen | (CAS No) 68037-59-2 | 40 - 75 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 |

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. Obtain medical attention if breathing difficulty persists. | | |
| First-aid measures after skin contact | : 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 contact | : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical 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/effects | : Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. | | |
| Symptoms/effects after inhalation | : Irritation of the respiratory tract and the other mucous membranes. | | |

Safety Data Sheet According to Federal Register / Vo

| According to Federal Register / Vol. 77, No. 58 / Monday, Ma | arch 26, 2012 / Rules and Regulations |
|--|--|
| Symptoms/effects after skin contact | : Redness, pain, swelling, itching, burning, dryness, and dermatitis. |
| Symptoms/effects after eye contact Symptoms/effects after ingestion | Contact causes severe irritation with redness and swelling of the conjunctiva. Ingestion may cause adverse effects. |

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 Unsuitable extinguishing media | Water spray, dry chemical, foam, carbon dioxide. Do not use a heavy water stream. Use of heavy stream of water may spread fire. |
|--|--|
| 5.2. Special hazards arising fi | rom the substance or mixture |
| Fire hazard Explosion hazard Reactivity 5.3. Advice for firefighters | Not considered flammable but may burn at high temperatures. Product is not explosive. Hazardous reactions will not occur under normal conditions. |
| Precautionary measures fire Firefighting instructions Protection during firefighting | Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. 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 breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

6.1.1. For non-emergency personnel

| Protective equipment | : Use appropriate personal protective 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.

Safety Data Sheet

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

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 breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing. | |
|---|---|--|
| 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 materials | : Strong acids, strong bases, strong oxidizers. | |
| 7.3. Specific end use(s) | | |

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).

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. | |
|---|---|--|
| Personal protective equipment | : Gloves. Protective clothing. Protective goggles. | |
| | | |
| Materials for protective clothing | : Chemically resistant materials and fabrics. | |
| Hand protection | : Wear protective gloves. | |
| Eye protection | : Chemical safety goggles. | |
| 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

| 9.1. | Information on basic | physical and chemical |
|--------|----------------------|-----------------------|
| Physic | cal state | : Liquid |
| Арре | earance | : Colorless |
| Odor | | : Odorless |
| | | |

Safety Data Sheet

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

| Odor threshold | : No data available |
|-------------------------------------|-------------------------|
| рН | : 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 °C (> 275 °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 (water=1) |
| Solubility | : No data available |
| Partition coefficient: n-octanol/wa | ter : No data available |
| Viscosity | : No data available |
| 9.2. Other information | |
| VOC content · | < 1% |

VOC content

: < 1%

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

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 | : Not classified |
|--|--|
| Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity | Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Not classified Not classified |
| Reproductive toxicity Specific target organ toxicity – s exposure | : Not classified ingle : Not classified |

Safety Data Sheet Aco

| SATETY DATA SNEET According to Federal Register / Vol. 77, No. 58 / Monday, N | larch 26, 2012 / Rules and Regulations |
|--|--|
| Specific target organ toxicity - exposure | repeated : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/effects after inhalation | : Irritation of the respiratory tract and the other mucous membranes. |
| Symptoms/effects after skin contact | : Redness, pain, swelling, itching, burning, dryness, and dermatitis. |
| Symptoms/effects after eye contact | : Contact causes severe irritation with redness and swelling of the conjunctiva. |
| Symptoms/effects after ingestion | : Ingestion may cause adverse effects. |

SECTION 12: Ecological information

12.1. Toxicity

| - | |
|-------------------|-------------------|
| Ecology - general | : Not classified. |

12.2. Persistence and degradability

MED3-6311 Part B

| Persistence and degradability | Not established. |
|---------------------------------|------------------|
| 12.3. Bioaccumulative potential | |
| MED3-6311 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

| Product/Packaging disposal | : Dispose of contents/container in accordance with local, |
|----------------------------|---|
| recommendations | regional, national, and international regulations. |
| Additional information | : Container may remain hazardous when empty. Continue to observe all precautions. |
| Ecology - waste materials | : Avoid release to the environment. |

14.2.

Safety Data Sheet According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and 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
 - 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 in this mixture are listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, have been exempted, or are not disclosed due to CBI requirements or disclosure rules according to the relevant regulation.

| MED3-6311 Part B | |
|--|---------------------------------|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

15.2. US State regulations

No additional information available

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

| Date of Preparation or Latest | : 10/30/2023 |
|-------------------------------|--|
| Revision Other information | : This document has been prepared in accordance with the SDS |
| | requirements of the OSHA Hazard Communication Standard 29 |
| | CFR 1910.1200. |

| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
|-----------------------|--|
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| A Health Hazard | : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. : 1 - Materials that must be preheated |
| Reactivity Hazard | before ignition can occur. : 0 - Material that in themselves are normally stable, even under fire conditions. |
| III Rating | |
| th mability cal | : 2 Moderate Hazard : 1 Slight Hazard : 0 Minimal Hazard |
| | Skin Irrit. 2 STOT SE 3 H315 H317 H319 H335 Health Hazard Fire Hazard Reactivity Hazard III Rating th mability |

Full text of H-phrases:

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL TECHNOLOGY LLC

Safety Data Sheet

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

AND ITS AFFILIATED COMPANIES ("NUSIL") EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of NUSiI's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, NUSIL DISCLAIMS LIABILITY FOR, AND BY USING NUSIL'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL NUSIL BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.

NUSII US GHS SDS