# SFM5-2350 Part A

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 19/05/2021 Date of issue: 22/01/2014 Version: 4.1

## SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

### 1.1. Product Identifier

| | |
|---|---|
| Product form | Mixture |
| Product Name | SFM5-2350 Part A |
| Synonyms | Silicone Foam |

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

#### 1.2.1. Relevant Identified Uses

| | |
|---|---|
| Industrial/Professional use spec | Industrial. |
| Use of the Substance/Mixture | For professional use only. |

#### 1.2.2. Uses Advised Against

No additional information available

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

NuSil Technology Europe
1198 Avenue Maurice Donat
Le Natura Bt. 2
06250 Mougins
France
+33 4 92 96 93 31
ehs@nusil.com
www.nusil.com

### 1.4. Emergency Telephone Number

Emergency Number : +1 703-527-3887 CHEMTREC (International and Maritime), 800-424-9300 CHEMTREC (in US)
+(44)-870-8200418
+(353)-19014670

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

**Classification According to Regulation (EC) No. 1272/2008 [CLP]**

Aquatic Chronic 3 H412

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

### 2.2. Label Elements

**Labelling According to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Signal Word (CLP) | - |
| Hazard Statements (CLP) | H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary Statements (CLP) | P273 - Avoid release to the environment.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

### 2.3. Other Hazards

No additional information available

# SECTION 3: Composition/Information on Ingredients

## 3.1. Substances

Not applicable

## 3.2. Mixtures

| Name | Product Identifier | % | Classification According to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Quartz | (CAS-No.) 14808-60-7<br>(EC-No.) 238-878-4 | 10 – 30 | Carc. 1A, H350<br>STOT SE 3, H335<br>STOT RE 1, H372 |
| Glass, oxide, chemicals | (CAS-No.) 65997-17-3<br>(EC-No.) 266-046-0 | < 10 | Not classified |
| Zinc oxide (ZnO) | (CAS-No.) 1314-13-2<br>(EC-No.) 215-222-5<br>(EC Index-No.) 030-013-00-7 | < 1 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Carbon black | (CAS-No.) 1333-86-4<br>(EC-No.) 215-609-9 | < 1 | Not classified |

Full text of H-statements: see section 16

*Finely divided Quartz and Glass Oxide has caused cancer and lung disease in workers that inhale it over an extended period of time. Additionally, there have been studies performed in animals that suggest Carbon Black may cause lung cancer through inhalation. Studies suggest, however, that these hazards are not associated with other routes of exposure. Since this product is in a liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz, Glass Oxide, and Carbon Black are not applicable to this product.

# 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 5 minutes. Obtain medical attention if irritation develops or persists.

First-Aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

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: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Effects After Inhalation: Prolonged exposure may cause irritation.

| | |
|---|---|
| Symptoms/Effects After Skin Contact | Prolonged exposure may cause skin irritation. |
| Symptoms/Effects After Eye Contact | May cause slight irritation to eyes. |
| Symptoms/Effects After Ingestion | Ingestion may cause adverse effects. |
| Chronic Symptoms | None expected under normal conditions of use. |

### 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: Firefighting 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 From 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. |
| Hazardous Decomposition Products in Case of Fire | Oxides of carbon, silicon and zinc. Nitrogen oxides. |

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

## SECTION 6: Accidental Release Measures

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

| | |
|---|---|
| General Measures | 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 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. Avoid release to the environment.

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

| | |
|---|---|
| For Containment | Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. |

| | |
|---|---|
| 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 | Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. 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. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. |

### 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)

As a flame resistant seal in applications requiring lightweight, flexible foam, with excellent thermal insulation. For professional use only.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

| Quartz (14808-60-7) | | |
|---|---|---|
| Austria | MAK (OEL TWA) | 0,05 mg/m³ (alveolar dust, respirable fraction) |
| Austria | Chemical category | Group C Carcinogen alveolar dust |
| Belgium | OEL TWA | 0,1 mg/m³ (alveolar dust) |
| Belgium | Chemical category | Carcinogen alveolar dust |
| Croatia | GVI (OEL TWA) [1] | 0,1 mg/m³<br>0,1 mg/m³ (regulated under Quartz sand and Silicon dioxide-respirable dust) |
| Czech Republic | PEL (OEL TWA) | 0,1 mg/m³ (dust) |
| Denmark | OEL TWA [1] | 0,3 mg/m³ (total)<br>0,1 mg/m³ (respirable) |
| Estonia | OEL TWA | 0,1 mg/m³ (respirable dust) |
| Estonia | Chemical category | Carcinogenic substance respirable dust |
| Finland | HTP (OEL TWA) [1] | 0,05 mg/m³ (respirable dust (Silicon dioxide, crystalline) |

| | | |
|---|---|---|
| France | VME (OEL TWA) | 0,1 mg/m³ (restrictive limit-alveolar fraction) |
| Hungary | AK (OEL TWA) | 0,1 mg/m³ (respirable) |
| Ireland | OEL TWA [1] | 0,1 mg/m³ (respirable dust) |
| Ireland | OEL STEL | 0,3 mg/m³ |
| Lithuania | IPRV (OEL TWA) | 0,1 mg/m³ (Silicon dioxide variation-respirable fraction) |
| Netherlands | MAC-TGG (OEL TWA) | 0,075 mg/m³ (respirable fraction (Silica, crystalline) |
| Norway | Grenseverdi (OEL TWA) [1] | 0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust)<br>0,1 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust) |
| Norway | Korttidsverdi (OEL STEL) | 0,9 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust)<br>0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust) |
| Norway | Chemical category | Carcinogen |
| Poland | NDS (OEL TWA) | 0,1 mg/m³ (respirable fraction) |
| Portugal | OEL TWA | 0,025 mg/m³ (respirable fraction) |
| Portugal | Chemical category | A2 - Suspected Human Carcinogen |
| Romania | OEL TWA | 0,1 mg/m³ (dust, respirable fraction) |
| Spain | VLA-ED (OEL TWA) [1] | 0,05 mg/m³ (reclassified IARC group 2A to group 1-respirable fraction) |
| Sweden | NGV (OEL TWA) | 0,1 mg/m³ (respirable fraction) |
| Sweden | Chemical category | Carcinogen |
| Switzerland | MAK (OEL TWA) [1] | 0,15 mg/m³ (respirable dust) |
| Switzerland | Chemical category | Category C1A carcinogen |

| Glass, oxide, chemicals (65997-17-3) | | |
|---|---|---|
| Belgium | OEL TWA | 10 mg/m³ (dust and fiber) |

| Zinc oxide (ZnO) (1314-13-2) | | |
|---|---|---|
| Austria | MAK (OEL TWA) | 5 mg/m³ (respirable fraction, smoke) |
| Belgium | OEL TWA | 10 mg/m³ (dust)<br>5 mg/m³ (fume)<br>5 mg/m³ (aerosol and vapor) |
| Belgium | OEL STEL | 10 mg/m³ (fume)<br>10 mg/m³ (aerosol and vapor) |
| Bulgaria | OEL TWA | 5 mg/m³ |
| Bulgaria | OEL STEL | 10 mg/m³ |

| | | |
|---|---|---|
| Croatia | GVI (OEL TWA) [1] | 2 mg/m³ (respirable dust) |
| Croatia | KGVI (OEL STEL) | 10 mg/m³ |
| Czech Republic | PEL (OEL TWA) | 2 mg/m³ |
| Denmark | OEL TWA [1] | 4 mg/m³<br>4 mg/m³ (fume) |
| Estonia | OEL TWA | 5 mg/m³ |
| Finland | HTP (OEL TWA) [1] | 2 mg/m³ (fume) |
| Finland | HTP (OEL STEL) | 10 mg/m³ (fume) |
| France | VME (OEL TWA) | 5 mg/m³ (fume)<br>10 mg/m³ (dust) |
| Greece | OEL TWA | 5 mg/m³ (fume) |
| Greece | OEL STEL | 10 mg/m³ (fume) |
| Hungary | AK (OEL TWA) | 5 mg/m³ (fume)<br>5 mg/m³ (powder) |
| Hungary | CK (OEL STEL) | 20 mg/m³ (respirable dust) |
| Ireland | OEL TWA [1] | 2 mg/m³ (fume; respirable fraction) |
| Ireland | OEL STEL | 10 mg/m³ (fume; respirable fraction) |
| Latvia | OEL TWA | 0,5 mg/m³ |
| Lithuania | IPRV (OEL TWA) | 5 mg/m³ |
| Norway | Grenseverdi (OEL TWA) [1] | 5 mg/m³ |
| Norway | Korttidsverdi (OEL STEL) | 10 mg/m³ (value calculated) |
| Poland | NDS (OEL TWA) | 5 mg/m³ (inhalable fraction) |
| Poland | NDSCh (OEL STEL) | 10 mg/m³ (inhalable fraction) |
| Portugal | OEL TWA | 2 mg/m³ (respirable fraction) |
| Portugal | OEL STEL | 10 mg/m³ (respirable fraction) |
| Romania | OEL TWA | 5 mg/m³ (fume) |
| Romania | OEL STEL | 10 mg/m³ (fume) |
| Slovakia | NPHV (OEL TWA) [1] | 1 mg/m³ (fume) |
| Slovakia | NPHV (OEL C) | 1 mg/m³ |
| Spain | VLA-ED (OEL TWA) [1] | 2 mg/m³ (respirable fraction) |
| Spain | VLA-EC (OEL STEL) | 10 mg/m³ |
| Sweden | NGV (OEL TWA) | 5 mg/m³ (total dust) |
| Switzerland | KZGW (OEL STEL) | 3 mg/m³ (respirable dust, smoke) |
| Switzerland | MAK (OEL TWA) [1] | 3 mg/m³ (respirable dust, smoke) |

| Carbon black (1333-86-4) | | |
|---|---|---|
| Belgium | OEL TWA | 3 mg/m³ |
| Croatia | GVI (OEL TWA) [1] | 3,5 mg/m³ |
| Croatia | KGVI (OEL STEL) | 7 mg/m³ |
| Czech Republic | PEL (OEL TWA) | 2 mg/m³ (dust) |
| Denmark | OEL TWA [1] | 3,5 mg/m³ |
| Estonia | OEL TWA | 3 mg/m³ (dust (Dusts) |
| Finland | HTP (OEL TWA) [1] | 3,5 mg/m³ |
| Finland | HTP (OEL STEL) | 7 mg/m³ |
| France | VME (OEL TWA) | 3,5 mg/m³ |

| | | |
|---|---|---|
| Greece | OEL TWA | 3,5 mg/m³ |
| Greece | OEL STEL | 7 mg/m³ |
| Hungary | AK (OEL TWA) | 3 mg/m³ (respirable) |
| Ireland | OEL TWA [1] | 3 mg/m³ (inhalable fraction) |
| Ireland | OEL STEL | 15 mg/m³ (calculated-inhalable fraction) |
| Norway | Grenseverdi (OEL TWA) [1] | 3,5 mg/m³ |
| Norway | Korttidsverdi (OEL STEL) | 7 mg/m³ (value calculated) |
| Poland | NDS (OEL TWA) | 4 mg/m³ (inhalable fraction) |
| Portugal | OEL TWA | 3 mg/m³ |
| Portugal | Chemical category | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| Slovakia | NPHV (OEL TWA) [1] | 2 mg/m³ (respirable fraction, 5% or less fibrogenic component)<br>10 mg/m³ (respirable fraction, greater than 5% fibrogenic component)<br>10 mg/m³ (total aerosol) |
| Spain | VLA-ED (OEL TWA) [1] | 3,5 mg/m³ |
| Sweden | NGV (OEL TWA) | 3 mg/m³ (inhalable fraction) |
| United Kingdom | WEL TWA (OEL TWA) [1] | 3,5 mg/m³ |
| United Kingdom | WEL STEL (OEL STEL) | 7 mg/m³ |

### 8.2. Exposure Controls

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

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 Hazards

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

| | |
|---|---|
| Physical State | Liquid |
| Appearance | Black. |
| Colour | No data available |
| Odour | Odorless. |

| | |
|---|---|
| Odour Threshold | No data available |
| pH | No data available |
| Evaporation Rate | No data available |
| Melting Point | No data available |
| Freezing Point | No data available |
| Boiling Point | No data available |
| Flash Point | > 135 °C |
| Auto-Ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Flammability (Solid, Gas) | Not applicable |
| Vapour Pressure | No data available |
| Relative Vapour Density At 20 °C | No data available |
| Relative Density | 1 (Water = 1) |
| Density | No data available |
| Solubility | No data available |
| Partition Coefficient n-Octanol/Water | No data available |
| Viscosity, Kinematic | No data available |
| Viscosity, Dynamic | No data available |
| Explosive Properties | No data available |
| Oxidising Properties | No data available |
| Explosive Limits | 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

Carbon oxides (CO, $CO_2$). 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.

## SECTION 11: Toxicological Information

### 11.1. Information On Toxicological Effects

Acute Toxicity: Not classified (Based on available data, the classification criteria are not met)

| Quartz (14808-60-7) | |
|---|---|
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rat | > 5000 mg/kg |

| Zinc oxide (ZnO) (1314-13-2) | |
|---|---|
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |

| Carbon black (1333-86-4) | |
|---|---|
| LD50 Oral Rat | > 8000 mg/kg |
| LC50 Inhalation Rat | > 4,6 mg/m³ (Exposure time: 4 h) |

| | |
|---|---|
| Skin Corrosion/Irritation | Not classified (Based on available data, the classification criteria are not met) |
| Eye Damage/Irritation | Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or Skin Sensitization | Not classified (Based on available data, the classification criteria are not met) |
| Germ Cell Mutagenicity | Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | Not classified. (Finely divided Quartz and Glass Oxide has caused cancer and lung disease in workers that inhale it over an extended period of time. Additionally, there have been studies performed in animals that suggest Carbon Black may cause lung cancer through inhalation. Studies suggest, however, that these hazards are not associated with other routes of exposure. Since this product is in a liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz, Glass Oxide, and Carbon Black are not applicable to this product.) |
| Reproductive Toxicity | Not classified (Based on available data, the classification criteria are not met) |
| Specific Target Organ Toxicity (Single Exposure) | Not classified. (Based on available data, the classification criteria are not met) |
| Specific Target Organ Toxicity (Repeated Exposure) | Not classified. (Based on available data, the classification criteria are not met) |
| Aspiration Hazard | Not classified (Based on available data, the classification criteria are not met) |
| Potential Adverse Human Health Effects And Symptoms | Based on available data, the classification criteria are not met. |

## SECTION 12: Ecological Information

### 12.1. Toxicity

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

| Zinc oxide (ZnO) (1314-13-2) | |
|---|---|
| LC50 Fish 1 | 970 µg/l (780 ug Zn/L; Exposure time: 96 h - Species: Pimephales promelas) |
| LC50 Fish 2 | 1,793 mg/l (Exposure time: 96 h - Species: Zebrafish) |
| NOEC Chronic Fish | 0,026 mg/l (Species: Jordanella floridae) |

| Carbon black (1333-86-4) | |
|---|---|
| EC50 - Crustacea [1] | 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna) |

### 12.2. Persistence and Degradability

| SFM5-2350 Part A | |
|---|---|
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

### 12.3. Bioaccumulative Potential

| SFM5-2350 Part A | |
|---|---|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in Soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

Product/Packaging Disposal Recommendations: Dispose of contents/container in accordance with local, 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. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: Transport Information

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

| **14.1. UN Number** |
|---|
| Not regulated for transport |
| **14.2. UN Proper Shipping Name** |
| Not regulated for transport |
| **14.3. Transport Hazard Class(Es)** |
| Not regulated for transport |
| **14.4. Packing Group** |
| Not regulated for transport |
| **14.5. Environmental Hazards** |
| Not regulated for transport |

### 14.6. Special Precautions For User

No additional information available

### 14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code

Not applicable

# SECTION 15: Regulatory Information

## 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

### 15.1.2. National Regulations

No additional information available

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

# SECTION 16: Other Information

### Indication of Changes

| Section | Section Header | Change | Date Changed |
|---|---|---|---|
| 1 | Identification of the Substance/mixture and of the Company/Undertaking | Modified | 19/05/2021 |
| 2 | Hazards Identification | Modified | 19/05/2021 |
| 4 | First aid measures | Modified | 19/05/2021 |
| 5 | Firefighting measures | Modified | 19/05/2021 |
| 6 | Accidental release measures | Modified | 19/05/2021 |
| 7 | Handling and storage | Modified | 19/05/2021 |
| 8 | Exposure controls/personal protection | Modified | 19/05/2021 |
| 9 | Physical and chemical properties | Modified | 19/05/2021 |
| 11 | Toxicological information | Modified | 19/05/2021 |
| 12. | Ecological information | Modified | 19/05/2021 |
| 14 | Transport information | Modified | 19/05/2021 |
| 15 | Regulatory information | Modified | 19/05/2021 |

| | |
|---|---|
| Date of Preparation or Latest Revision | 19/05/2021 |
| Data Sources | Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS. |
| Other Information | According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 |

Full Text of H- and EUH-statements:

| | |
|---|---|
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Carc. 1A | Carcinogenicity, Category 1A |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 |

| | |
|---|---|
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H335 | May cause respiratory irritation. |
| H350 | May cause cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

## Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists
ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
BEI - Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. - Chemical Abstracts Service Number
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
COD – Chemical Oxygen Demand
EC – European Community
EC50 - Median Effective Concentration
EEC – European Economic Community
EINECS – European Inventory of Existing Commercial Chemical Substances
EmS-No. (Fire) - IMDG Emergency Schedule Fire
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
EU – European Union
ErC50 - EC50 in Terms of Reduction Growth Rate
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC Code - International Bulk Chemical Code
IMDG - International Maritime Dangerous Goods
IPRV - Ilgalaikio Poveikio Ribinis Dydis
IOELV – Indicative Occupational Exposure Limit Value
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-Observed-Effect Concentration
Log Koc - Soil Organic Carbon-water Partitioning Coefficient
Log Kow - Octanol/water Partition Coefficient
Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
MAK – Maximum Workplace Concentration/Maximum Permissible Concentration
MARPOL - International Convention for the Prevention of Pollution
NDS - Najwyzsze Dopuszczalne Stezenie
NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe
NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
NRD - Nevirsytinas Ribinis Dydis
NTP – National Toxicology Program
OEL - Occupational Exposure Limits
PBT - Persistent, Bioaccumulative and Toxic
PEL - Permissible Exposure Limit
pH – Potential Hydrogen
REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
SADT - Self Accelerating Decomposition Temperature
SDS - Safety Data Sheet
STEL - Short Term Exposure Limit
STOT - Specific Target Organ Toxicity
TA-Luft - Technische Anleitung zur Reinhaltung der Luft
TEL TRK – Technical Guidance Concentrations
ThOD – Theoretical Oxygen Demand
TLM - Median Tolerance Limit
TLV - Threshold Limit Value
TPRD - Trumpalaikio Poveikio Ribinis Dydis
TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern
TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte
TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
VOC – Volatile Organic Compounds
VLA-EC - Valor Límite Ambiental Exposición de Corta Duración
VLA-ED - Valor Límite Ambiental Exposición Diaria
VLE – Valeur Limite D'exposition
VME – Valeur Limite De Moyenne Exposition
vPvB - Very Persistent and Very Bioaccumulative
WEL – Workplace Exposure Limit
WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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") EXPRESSLYDISCLAIMS 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.

# SFM5-2350 Part B

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 19/05/2021 Date of issue: 22/01/2014 Version: 4.1

## SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

### 1.1. Product Identifier

| | |
|---|---|
| Product form | Mixture |
| Product Name | SFM5-2350 Part B |
| Synonyms | Silicone Foam |

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

#### 1.2.1. Relevant Identified Uses

| | |
|---|---|
| Industrial/Professional use spec | Industrial. |
| Use of the Substance/Mixture | For professional use only |

#### 1.2.2. Uses Advised Against

No additional information available

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

NuSil Technology Europe
1198 Avenue Maurice Donat
Le Natura Bt. 2
06250 Mougins
France
+33 4 92 96 93 31
ehs@nusil.com
www.nusil.com

### 1.4. Emergency Telephone Number

Emergency Number : +1 703-527-3887 CHEMTREC (International and Maritime), 800-424-9300 CHEMTREC (in US)
+(44)-870-8200418
+(353)-19014670

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

**Classification According to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

### 2.2. Label Elements

**Labelling According to Regulation (EC) No. 1272/2008 [CLP]**

EUH-statements EUH210 - Safety data sheet available on request.

### 2.3. Other Hazards

No additional information available

## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product Identifier | % | Classification According to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Quartz | (CAS-No.) 14808-60-7<br>(EC-No.) 238-878-4 | 10 - 30 | Carc. 1A, H350<br>STOT SE 3, H335<br>STOT RE 1, H372 |
| Siloxanes and Silicones, dimethyl, methyl hydrogen | (CAS-No.) 68037-59-2 | < 10 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335 |
| Glass, oxide, chemicals | (CAS-No.) 65997-17-3<br>(EC-No.) 266-046-0 | < 10 | Not classified |

Full text of H-statements: see section 16

*Finely divided Quartz and Glass Oxide has caused cancer and lung disease in workers that inhale it over an extended period of time. Studies suggest, however, that these hazards are not associated with other routes of exposure. Since this product is in a liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz and Glass Oxide are not applicable to this product.

## 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 5 minutes. Obtain medical attention if irritation develops or persists.

First-Aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

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: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Effects After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Effects After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Effects After Eye Contact: May cause slight irritation to eyes.

Symptoms/Effects After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

### 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: Firefighting 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 From 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. |
| Hazardous Decomposition Products in Case of Fire | Carbon oxides (CO, $CO_2$). Silicon oxides. Explosive hydrogen gas. Formaldehyde. |

### 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. |

# 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 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 Materials 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 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

| Quartz (14808-60-7) | | |
|---|---|---|
| Austria | MAK (OEL TWA) | 0,05 mg/m³ (alveolar dust, respirable fraction) |
| Austria | Chemical category | Group C Carcinogen alveolar dust |
| Belgium | OEL TWA | 0,1 mg/m³ (alveolar dust) |
| Belgium | Chemical category | Carcinogen alveolar dust |
| Croatia | GVI (OEL TWA) [1] | 0,1 mg/m³<br>0,1 mg/m³ (regulated under Quartz sand and Silicon dioxide-respirable dust) |
| Czech Republic | PEL (OEL TWA) | 0,1 mg/m³ (dust) |
| Denmark | OEL TWA [1] | 0,3 mg/m³ (total)<br>0,1 mg/m³ (respirable) |
| Estonia | OEL TWA | 0,1 mg/m³ (respirable dust) |
| Estonia | Chemical category | Carcinogenic substance respirable dust |
| Finland | HTP (OEL TWA) [1] | 0,05 mg/m³ (respirable dust (Silicon dioxide, crystalline) |
| France | VME (OEL TWA) | 0,1 mg/m³ (restrictive limit-alveolar fraction) |
| Hungary | AK (OEL TWA) | 0,1 mg/m³ (respirable) |
| Ireland | OEL TWA [1] | 0,1 mg/m³ (respirable dust) |
| Ireland | OEL STEL | 0,3 mg/m³ |
| Lithuania | IPRV (OEL TWA) | 0,1 mg/m³ (Silicon dioxide variation-respirable fraction) |
| Netherlands | MAC-TGG (OEL TWA) | 0,075 mg/m³ (respirable fraction (Silica, crystalline) |

| | | |
|---|---|---|
| Norway | Grenseverdi (OEL TWA) [1] | 0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust)<br>0,1 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust) |
| Norway | Korttidsverdi (OEL STEL) | 0,9 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-total dust)<br>0,3 mg/m³ (dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula-respirable dust) |
| Norway | Chemical category | Carcinogen |
| Poland | NDS (OEL TWA) | 0,1 mg/m³ (respirable fraction) |
| Portugal | OEL TWA | 0,025 mg/m³ (respirable fraction) |
| Portugal | Chemical category | A2 - Suspected Human Carcinogen |
| Romania | OEL TWA | 0,1 mg/m³ (dust, respirable fraction) |
| Spain | VLA-ED (OEL TWA) [1] | 0,05 mg/m³ (reclassified IARC group 2A to group 1-respirable fraction) |
| Sweden | NGV (OEL TWA) | 0,1 mg/m³ (respirable fraction) |
| Sweden | Chemical category | Carcinogen |
| Switzerland | MAK (OEL TWA) [1] | 0,15 mg/m³ (respirable dust) |
| Switzerland | Chemical category | Category C1A carcinogen |

| Glass, oxide, chemicals (65997-17-3) | | |
|---|---|---|
| Belgium | OEL TWA | 10 mg/m³ (dust and fiber) |

## 8.2. Exposure Controls

| | |
|---|---|
| Appropriate Engineering Controls | Suitable eye/body wash equipment should be available in the 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 Hazards

## 9.1. Information on Basic Physical and Chemical Properties

| | |
|---|---|
| Physical State | Liquid |
| Colour | Tan |
| Odour | Odorless |
| Odour Threshold | No data available |
| pH | No data available |
| Evaporation Rate | No data available |
| Melting Point | No data available |
| Freezing Point | No data available |
| Boiling Point | 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 |
| Vapour Pressure | No data available |
| Relative Vapour Density At 20 °C | No data available |
| Specific Gravity | > 1 |
| Relative Density | No data available |
| Solubility | No data available |
| Partition Coefficient n-Octanol/Water | No data available |
| Viscosity, Kinematic | No data available |
| Viscosity, Dynamic | No data available |
| Explosive Properties | No data available |
| Oxidising Properties | No data available |
| Explosive Limits | Not applicable |

## 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, $CO_2$). Silicon oxides. Explosive hydrogen gas. 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.

# SECTION 11: Toxicological Information

## 11.1. Information On Toxicological Effects

Acute Toxicity: Not classified (Based on available data, the classification criteria are not met)

| Quartz (14808-60-7) | |
|---|---|
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rat | > 5000 mg/kg |

Skin Corrosion/Irritation: Not classified (Based on available data, the classification criteria are not met)

Eye Damage/Irritation: Not classified (Based on available data, the classification criteria are not met)

Respiratory or Skin Sensitization: Not classified (Based on available data, the classification criteria are not met)

Germ Cell Mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified. (Finely divided Quartz and Glass Oxide has caused cancer and lung disease in workers that inhale it over an extended period of time. Studies suggest, however, that these hazards are not associated with other routes of exposure. Since this product is in a liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazards usually associated with Quartz and Glass Oxide are not applicable to this product.)

Reproductive Toxicity: Not classified (Based on available data, the classification criteria are not met)

Specific Target Organ Toxicity (Single Exposure): Not classified. (Based on available data, the classification criteria are not met)

Specific Target Organ Toxicity (Repeated Exposure): Not classified. (Based on available data, the classification criteria are not met)

Aspiration Hazard: Not classified (Based on available data, the classification criteria are not met)

# SECTION 12: Ecological Information

## 12.1. Toxicity

Ecology - General: Not classified.

## 12.2. Persistence and Degradability

| SFM5-2350 Part B | |
|---|---|
| Persistence and Degradability | Not established. |

## 12.3. Bioaccumulative Potential

| SFM5-2350 Part B | |
|---|---|
| Bioaccumulative potential | Not established. |

## 12.4. Mobility in Soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

Product/Packaging Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

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.
In accordance with ADR / RID / IMDG / IATA / ADN

| |
|---|
| **14.1. UN Number** |
| Not regulated for transport |
| **14.2. UN Proper Shipping Name** |
| Not regulated for transport |
| **14.3. Transport Hazard Class(Es)** |
| Not regulated for transport |
| **14.4. Packing Group** |
| Not regulated for transport |
| **14.5. Environmental Hazards** |
| Not regulated for transport |

### 14.6. Special Precautions For User

No additional information available

### 14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code

Not applicable

## SECTION 15: Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### 15.1.1. EU-Regulations

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

#### 15.1.2. National Regulations

No additional information available

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

# SECTION 16: Other Information

## Indication of Changes

| Section | Section Header | Change | Date Changed |
|---|---|---|---|
| 1 | Identification of the Substance/mixture and of the Company/Undertaking | Modified | 19/05/2021 |
| 2.2 | EUH-statements | Added | 19/05/2021 |
| 4 | First aid measures | Modified | 19/05/2021 |
| 5 | Firefighting measures | Modified | 19/05/2021 |
| 7 | Handling and storage | Modified | 19/05/2021 |
| 8 | Occupational Exposure Limits | Modified | 19/05/2021 |
| 9 | Physical and chemical properties | Modified | 19/05/2021 |
| 10.6 | Hazardous decomposition products | Modified | 19/05/2021 |
| 11 | First-aid measures general | Modified | 19/05/2021 |

Date of Preparation or Latest Revision: 19/05/2021

Data Sources: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full Text of H- and EUH-statements:

| | |
|---|---|
| Carc. 1A | Carcinogenicity, Category 1A |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H350 | May cause cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| EUH210 | Safety data sheet available on request. |

## Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists
ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
BEI - Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. - Chemical Abstracts Service Number
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
COD – Chemical Oxygen Demand
EC – European Community
EC50 - Median Effective Concentration
EEC – European Economic Community
EINECS – European Inventory of Existing Commercial Chemical Substances
EmS-No. (Fire) - IMDG Emergency Schedule Fire
NDS - Najwyzsze Dopuszczalne Stezenie
NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe
NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
NRD - Nevirsytinas Ribinis Dydis
NTP – National Toxicology Program
OEL - Occupational Exposure Limits
PBT - Persistent, Bioaccumulative and Toxic
PEL - Permissible Exposure Limit
pH – Potential Hydrogen
REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
SADT - Self Accelerating Decomposition Temperature
SDS - Safety Data Sheet
STEL - Short Term Exposure Limit
STOT - Specific Target Organ Toxicity

EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
EU – European Union
ErC50 - EC50 in Terms of Reduction Growth Rate
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC Code - International Bulk Chemical Code
IMDG - International Maritime Dangerous Goods
IPRV - Ilgalaikio Poveikio Ribinis Dydis
IOELV – Indicative Occupational Exposure Limit Value
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-Observed-Effect Concentration
Log Koc - Soil Organic Carbon-water Partitioning Coefficient
Log Kow - Octanol/water Partition Coefficient
Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
MAK – Maximum Workplace Concentration/Maximum Permissible Concentration
MARPOL - International Convention for the Prevention of Pollution
TA-Luft - Technische Anleitung zur Reinhaltung der Luft
TEL TRK – Technical Guidance Concentrations
ThOD – Theoretical Oxygen Demand
TLM - Median Tolerance Limit
TLV - Threshold Limit Value
TPRD - Trumpalaikio Poveikio Ribinis Dydis
TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern
TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte
TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
VOC – Volatile Organic Compounds
VLA-EC - Valor Límite Ambiental Exposición de Corta Duración
VLA-ED - Valor Límite Ambiental Exposición Diaria
VLE – Valeur Limite D'exposition
VME – Valeur Limite De Moyenne Exposition
vPvB - Very Persistent and Very Bioaccumulative
WEL – Workplace Exposure Limit
WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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") EXPRESSLYDISCLAIMS 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.

# Silicone Sales & Services
# UK - Ireland - Benelux

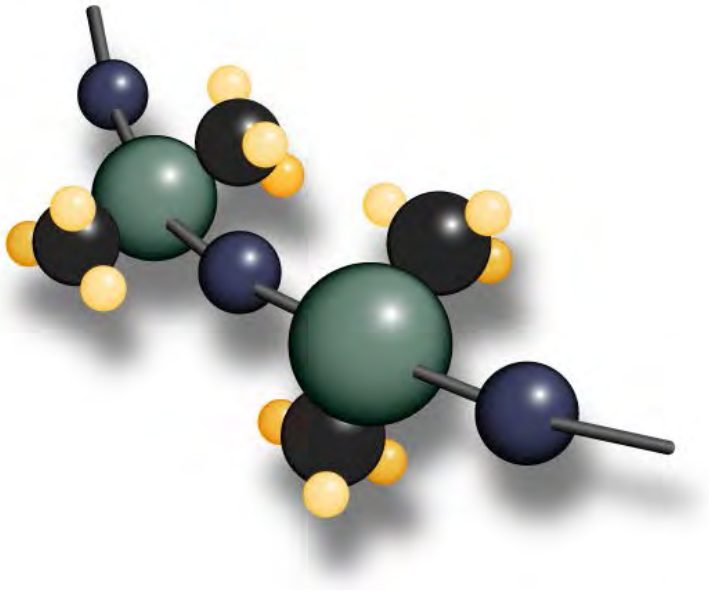


Unit 2. Network 4. Cressex Business Park,
Lincoln Road, High Wycombe, Bucks. HP12 3RF

tel: +44 (0) 1494 446610

web: https://www.silicone-polymers.com

email: sales@silicone-polymers.co.uk



Version uploaded 24/07/2022