

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product Identifier

Product form : Mixture  
Product Name : CV2-1147  
Synonyms : RTV Silicone Atomic Oxygen Protective Coating

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : For professional use only. Provides atomic oxygen protection and resistance to radiation and thermal stress.

#### 1.2.2. Uses advised against

No additional information available

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

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

### 1.4. Emergency Telephone Number

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

## SECTION 2: Hazards identification

### 2.1. Classification of the Substance or Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225  
Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
Skin Sens. 1 H317  
STOT SE 3 H336  
STOT RE 2 H373  
Asp. Tox. 1 H304  
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Repr.Cat.1; R61

F; R11

Xn; R65

Xi; R36/38

R43

N; R51/53

R67

R48

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label Elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine, 2-Butanone, O,O',O''-(methylsilylidyne)trioxime, 3-(Triethoxysilyl) propylamine

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H373 - May cause damage to organs through prolonged or repeated exposure  
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P260 - Do not breathe vapours, spray, mist  
P264 - Wash hands, forearms and exposed areas thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear eye protection, face protection, face shield, protective clothing, protective gloves  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P312 - Call a POISON CENTER or doctor if you feel unwell  
P321 - Specific treatment (see Section 4 on this label)  
P331 - Do NOT induce vomiting  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P333+P313 - If skin irritation or rash 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  
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), sand, foam to extinguish

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P391 - Collect spillage  
 P403+P235 - Store in a well-ventilated place. Keep cool  
 P405 - Store locked up  
 P501 - Dispose of contents/container according to local, regional, national, and international regulations

### 2.3. Other Hazards

Other hazards not contributing to the classification : Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity : 45 - 55% of the mixture consists of ingredients of unknown acute toxicity.

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	%	Classification according to Directive 67/548/EEC
Siloxanes and Silicones, dimethyl, diphenyl, hydroxy-terminated	(CAS No) 68951-93-9	40 - 45	Not classified
Solvent naphtha, petroleum, light aliphatic	(CAS No) 64742-89-8 (EC no) 265-192-2 (EC index no) 649-267-00-0	35 - 40	R10 Xi; R38 R67 Xn; R65 N; R51/53
Dimethyl silicone polymer with silica	(CAS No) 67762-90-7 (EC no) 614-122-2	5 - 10	Not classified
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5 (EC no) 601-216-3	5 - 10	Not classified
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	(CAS No) 22984-54-9 (EC no) 245-366-4	5 - 10	Xn; R48/22 R43 Xi; R36
Siloxanes and Silicones, dimethyl, hydroxy-terminated	(CAS No) 70131-67-8 (EC no) 615-070-3	1 - 3	Not classified
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	(CAS No) 1760-24-3 (EC no) 217-164-6	< 1	Xn; R20 R43 Xi; R41
3-(Triethoxysilyl) propylamine	(CAS No) 919-30-2 (EC no) 213-048-4 (EC index no) 612-108-00-0	< 1	Xn; R22 C; R34 R43

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, dimethyl, diphenyl, hydroxy-terminated	(CAS No) 68951-93-9	40 - 45	Not classified
Solvent naphtha, petroleum, light aliphatic	(CAS No) 64742-89-8 (EC no) 265-192-2 (EC index no) 649-267-00-0	35 - 40	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Dimethyl silicone polymer with silica	(CAS No) 67762-90-7 (EC no) 614-122-2	5 - 10	Not classified

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Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5 (EC no) 601-216-3	5 - 10	Not classified
2-Butanone, O,O',O''-(methylsilyldiyl)trioxime	(CAS No) 22984-54-9 (EC no) 245-366-4	5 - 10	Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT RE 2, H373
Siloxanes and Silicones, dimethyl, hydroxy-terminated	(CAS No) 70131-67-8 (EC no) 615-070-3	1 - 3	Not classified
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	(CAS No) 1760-24-3 (EC no) 217-164-6	< 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317
3-(Triethoxysilyl) propylamine	(CAS No) 919-30-2 (EC no) 213-048-4 (EC index no) 612-108-00-0	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Irrit. 2, H319 Skin Sens. 1, H317

Full text of R- and 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 if possible).
- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
- First-aid measures after skin contact : Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
- 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 : Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries : Causes serious eye irritation. Causes skin irritation. May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure.
- Symptoms/injuries after inhalation : May cause respiratory irritation. May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : Causes skin irritation. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.
- Chronic symptoms : May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

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

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing Media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

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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 : Highly flammable liquid and vapour.  
Explosion hazard : May form flammable/explosive vapour-air mixture.  
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. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.  
Other information : Refer to Section 9 for flammability properties.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapour, mist, spray). Remove ignition sources. No naked lights. No smoking.

#### 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 : Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or 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 : Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.  
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 when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof equipment.  
Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep in fireproof place.  
Incompatible products : Strong acids. Strong bases. Strong oxidizers.

### 7.3. Specific end use(s)

For professional use only. Provides atomic oxygen protection and resistance to radiation and thermal stress.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Silica, amorphous, fumed, crystalline-free (112945-52-5)		
Austria	MAK (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
3-(Triethoxysilyl) propylamine (919-30-2)		
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	28 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	3 ppm
Finland	HTP-arvo (15 min)	55 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	6 ppm

### 8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment : Protective goggles. Gloves. Protective clothing. High gas/vapour concentration: gas mask.



Materials for protective clothing : Chemically resistant materials and fabrics.  
 Hand protection : Wear chemically resistant protective gloves.  
 Eye protection : Chemical goggles or safety glasses.  
 Skin and body protection : Wear suitable protective clothing.  
 Respiratory protection : Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.  
 Environmental exposure controls : Do not allow the product to be released into the environment.  
 Consumer exposure controls : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
 Colour : Translucent  
 Odour : Solvent  
 Odour threshold : No data available  
 pH : No data available  
 Relative evaporation rate (butylacetate=1) : No data available  
 Melting point : No data available  
 Freezing point : No data available  
 Boiling point : 125,6 °C (258 °F)  
 Flash point : 8,9 °C (48 °F)  
 Auto-ignition temperature : No data available  
 Decomposition temperature : No data available  
 Flammability (solid, gas) : No data available  
 Vapour pressure : No data available  
 Relative vapour density at 20 °C : No data available  
 Relative Density : 1,15 – 1,17 (water=1)  
 Solubility : No data available

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Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 2000 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content : 35 - 40 %

## 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). May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Silicon oxides. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Dibutyltin dilaurate (77-58-7)

LD50 oral rat	175 mg/kg
LD50 dermal rat	> 2 g/kg
ATE CLP (oral)	175,000 mg/kg bodyweight

#### Siloxanes and Silicones, dimethyl, hydroxy-terminated (70131-67-8)

LD50 oral rat	> 15400 mg/kg
LD50 dermal rabbit	> 16 ml/kg
LC50 inhalation rat (mg/l)	> 8750 mg/m <sup>3</sup> (Exposure time: 7 h)

#### Silica, amorphous, fumed, crystalline-free (112945-52-5)

LD50 oral rat	> 5000 mg/kg
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#### N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)

LD50 oral rat	2295 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CLP (oral)	2295,000 mg/kg bodyweight
ATE CLP (dust,mist)	1,500 mg/l/4h

#### 2-Butanone, O,O',O''-(methylsilyldiyl)trioxime (22984-54-9)

LD50 oral rat	2463 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	2463,000 mg/kg bodyweight

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<b>Solvent naphtha, petroleum, light aliphatic (64742-89-8)</b>	
LD50 dermal rabbit	3000 mg/kg
ATE CLP (dermal)	3000,000 mg/kg bodyweight

<b>3-(Triethoxysilyl) propylamine (919-30-2)</b>	
LD50 oral rat	1570 mg/kg
ATE CLP (oral)	1570,000 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: May damage fertility or the unborn child.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

<b>Dibutyltin dilaurate (77-58-7)</b>	
EC50 Daphnia 1	0,463 mg/l (Daphnia magna)

<b>N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)</b>	
LC50 fishes 1	597 mg/l (Species: Danio rerio)
EC50 Daphnia 1	81 mg/l
ErC50 (algae)	8,8 mg/l (Pseudokirchnerella subcapitata Exposure time: 96h)
NOEC chronic crustacea	35 mg/l
NOEC chronic algae	3,1 mg/l (Pseudokirchnerella subcapitata Exposure time: 96h)

<b>3-(Triethoxysilyl) propylamine (919-30-2)</b>	
LC50 fishes 1	934 mg/l (Danio rerio)
EC50 Daphnia 1	331 mg/l
ErC50 (algae)	1000 mg/l (Scenedesmus subspicatus)
NOEC chronic fish	934 mg/l (Danio rerio)
NOEC chronic crustacea	94 mg/l (Daphnia magna)

### 12.2. Persistence and degradability

<b>Dibutyltin dilaurate (77-58-7)</b>	
Persistence and degradability	Not readily biodegradable.

### 12.3. Bioaccumulative potential

<b>Dibutyltin dilaurate (77-58-7)</b>	
Log Pow	4,44

### 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.



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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

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

#### 14.1. UN number

UN-No. : 1268

#### 14.2. UN proper shipping name

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S. (NAPHTHA SOLUTION)

Transport document description : UN 1268 PETROLEUM DISTILLATES, N.O.S. (Naphtha Solution), 3, II, (D/E)

#### 14.3. Transport hazard class(es)

Class (UN) : 3

Hazard labels (UN) : 3



#### 14.4. Packing group

Packing group (UN) : II

#### 14.5. Environmental hazards

Dangerous for the environment :

Marine pollutant



Other information : No supplementary information available.

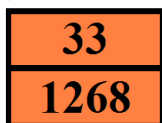
#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : 33

Classification code (UN) : F1

Orange plates :



Special provision (ADR) : 640C, 363

Transport category (ADR) : 2

Tunnel restriction code : D/E

Limited quantities (ADR) : 1L

Excepted quantities (ADR) : E2

EAC code : 3YE

##### 14.6.2. Transport by sea

MFAG-No : 128

##### 14.6.3. Air transport

No additional information available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	CV2-1147 - Dibutyltin dilaurate - N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine - 2-Butanone, O,O',O''-(methylsilyldiyl)trioxime - Solvent naphtha, petroleum, light aliphatic - 3-(Triethoxysilyl) propylamine
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	CV2-1147 - Solvent naphtha, petroleum, light aliphatic

Contains no REACH candidate substance

VOC content : 35 - 40 %

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Revision date : 06/08/2014

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Full text of R-, H- and EUH-phrases

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
Skin Sens. 1B	Sensitisation — Skin, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed

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H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R22	Harmful if swallowed
R25	Toxic if swallowed
R34	Causes burns
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R48	Danger of serious damage to health by prolonged exposure
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
R48/23/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R60	May impair fertility
R61	May cause harm to the unborn child
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness
R68	Possible risk of irreversible effects
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
T	Toxic
Xi	Irritant

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Xn	Harmful
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SDS EU (REACH Annex II) 11pt

*We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.*



# **Polymer Systems** *Technology Limited*

## Silicone Sales & Services UK - Ireland - Benelux

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