

#### Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 14/02/2014 Date of issue: 14/02/2014

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

Version: 2.0

#### 1.1. Product Identifier

Product form : Mixture
Product Name : CV3-1144-1

Synonyms : Controlled Volatility RTV Silicone Atomic Oxygen Protective Overcoat

#### 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 : As a protective overcoating for atomic oxygen resistance in space

applications. 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 LLC 1050 Cindy Lane

Carpinteria, California 93013

USA

(805) 684-8780

regcomp@nusil.com

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 Dam. 1 H318 STOT SE 3 H336 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

F; R11 Xi; R38 Xi; R41

Xn; R48/20/21/22

N; R51/53

R43 R67 Xn: R65

Full text of R-phrases: see section 16

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#### 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-(Trimethyoxysilyl)propyl]-1,2-ethanediamine, 2-

Butanone, O,O',O''-(methylsilylidyne)trioxime

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

H318 - Causes serious eye damage

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, mist, spray

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, protective clothing, protective

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

P310 - Immediately call a POISON CENTER or doctor

P312 - Call a POISON CENTER or doctor if you feel unwell

P321 - Specific treatment (see Section 4)

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

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

P370+P378 - In case of fire: Use appropriate media to extinguish

P391 - Collect spillage

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

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**

classification

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

conditions.

: 50 - 55% of the mixture consists of ingredients of unknown acute toxicity. **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	50 - 55	Not classified
Solvent naphtha, petroleum, light aliphatic	(CAS No) 64742-89-8 (EC no) 265-192-2 (EC index no) 649-267-00-0	30 - 35	Xn; R65 R10 N; R51/53 Xi; R38 R67
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
N-[3-(Trimethyoxysilyl)propyl]-1,2- ethanediamine	(CAS No) 1760-24-3 (EC no) 217-164-6	< 5	Xi; R41 R43 N; R51/53
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5 (EC no) 601-216-3	< 5	Not classified
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5	< 5	Not classified
Dibutyltin dilaurate	(CAS No) 77-58-7 (EC no) 201-039-8	< 0.1	C; R34 R43 Muta.Cat.3; R68 Repr.Cat.2; R60-61 T; R48/23/24/25 T; R39/23/24/25 N; R50/53 Xi; R41
Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, dimethyl, diphenyl, hydroxy-terminated	(CAS No) 68951-93-9	50 - 55	Not classified

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Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphtha, petroleum, light aliphatic	(CAS No) 64742-89-8 (EC no) 265-192-2 (EC index no) 649-267-00-0	30 - 35	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-Butanone, O,O',O''- (methylsilylidyne)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
N-[3-(Trimethyoxysilyl)propyl]-1,2- ethanediamine	(CAS No) 1760-24-3 (EC no) 217-164-6	< 5	Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5 (EC no) 601-216-3	< 5	Not classified
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5	< 5	Not classified
Dibutyltin dilaurate	(CAS No) 77-58-7 (EC no) 201-039-8	< 0.1	Acute Tox. 3 (Dermal), H311 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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 where possible).

First-aid measures after inhalation : If inhaled, remove to fresh air and keep at rest in a position comfortable for

breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact : Remove contaminated clothing. Gently wash with plenty of soap and water.

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 : Seek medical attention if a large amount is swallowed. Rinse mouth. Do NOT

induce vomiting.

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

Symptoms/injuries : May be fatal if swallowed and enters airways. Causes skin irritation. May

cause an allergic skin reaction. Causes serious eye damage. May cause drowsiness and dizziness. Suspected of causing genetic defects. May damage

fertility. May damage the unborn child. May cause damage to organs

through prolonged or repeated exposure.

Symptoms/injuries after inhalation

: 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 damage.

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Symptoms/injuries after ingestion

: May be fatal if swallowed and enters airways. Contact may cause immediate

severe irritation progressing quickly to chemical burns.

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

If medical advice is needed, have product container or label at hand.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing Media

Suitable extinguishing media : Dry chemical, carbon dioxide, water spray, fog, foam.

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. Prevent fire-fighting

water from entering environment.

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 : Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use

special care to avoid static electric charges. Do not get in eyes, on skin, or on

clothing. Do not breathe gas/vapour/aerosol.

#### 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 : 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

Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable

container. Do not take up in combustible material such as: saw dust or

cellulosic material. Use only non-sparking tools.

#### 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 Precautions for safe handling

d : Handle empty containers with care because residual vapours are flammable.

: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Provide good ventilation in process area to prevent formation of vapour. Take precautionary measures against static discharge. Use only non-sparking

tools.

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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 : Proper grounding procedures to avoid static electricity should be followed.

Use explosion-proof electrical, lighting, ventilating equipment.

Storage conditions : Keep in fireproof place. Keep container tightly closed. Store in a dry, cool and

well-ventilated place.

Incompatible products : Strong bases. Strong acids. Strong oxidizers. Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

#### 7.3. Specific end use(s)

As a protective overcoating for atomic oxygen resistance in space applications. For professional use only.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

Silica, amorphous, fumed	, crystalline-free (112945-52-5)	
Austria	MAK (mg/m³)	4 mg/m³
Titanium dioxide (13463-6	67-7)	
Austria	MAK (mg/m³)	5 mg/m³
Austria	MAK Short time value (mg/m³)	10 mg/m³
Belgium	Limit value (mg/m³)	10 mg/m³
Bulgaria	OEL TWA (mg/m³)	10.0 mg/m³
France	VME (mg/m³)	10 mg/m³
Italy-Portugal-USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
Latvia	OEL TWA (mg/m³)	10 mg/m³
Spain	VLA-ED (mg/m³)	10 mg/m³
United Kingdom	WEL TWA (mg/m³)	4 mg/m³
United Kingdom	WEL STEL (mg/m³)	12 mg/m³ (calculated)
Denmark	Grænseværdie (langvarig) (mg/m³)	6 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m³)	4 mg/m³
Lithuania	IPRV (mg/m³)	5 mg/m <sup>3</sup>
Poland	NDS (mg/m³)	10.0 mg/m³ (<2% free crystalline silica and containing no asbestos)
Romania	OEL TWA (mg/m³)	10 mg/m³
Romania	OEL STEL (mg/m³)	15 mg/m³
Sweden	nivågränsvärde (NVG) (mg/m³)	5 mg/m³
Portugal	OEL TWA (mg/m³)	10 mg/m³
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen

#### 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. Gas detectors should be used when flammable gases/vapours may be released. Proper grounding procedures to avoid static electricity should be followed.

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Personal protective equipment

: Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Face shield. Insufficient ventilation: wear respiratory protection.











Materials for protective clothing

Hand protection

Eye protection
Skin and body protection

: Wear fire/flame resistant/retardant clothing.: Wear chemically resistant protective gloves.

: Chemical goggles or safety glasses. A full face shield is recommended.: Wear suitable protective clothing. Wash contaminated clothing before

reuse.

Respiratory protection : Use approved respirator or self-contained breathing apparatus whenever

exposure may exceed established Occupational Exposure Limits.

Other information : When using, do not eat, drink or smoke.

## **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid
Colour : Off-White
Odour : Solvent

Odour Odour threshold : No data available : No data available рН Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available : No data available Freezing point : No data available **Boiling point** : 8.9 °C (48 °F) Flash point Self ignition temperature : No data available : No data available Decomposition temperature Flammability (solid, gas) : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available

**Relative Density** : 1.2 (water = 1)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 : No data available **Explosive limits** 

9.2. Other information

VOC content : 25 - 30%

# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

#### 10.2. Chemical stability

Highly flammable liquid and vapour.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Ignition sources. Direct sunlight. Extremely high or low temperatures. Open flame. Sparks.

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#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers

#### 10.6. Hazardous decomposition products

Silicon oxides. Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds. Formaldehyde. Oxides of tin. 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	2071 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
LD50 dermal rabbit	630 mg/kg	
Titanium dioxide (13463-67-7)		
LD50 oral rat	> 10000 mg/kg	
Solvent naphtha, petroleum, light aliphatic (64742-89-8)		
LD50 dermal rabbit	3000 mg/kg	

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Suspected of causing genetic defects.

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.

Solvent naphtha, petroleum, light aliphatic (64742-89-8)	
EC50 other aquatic organisms 1	4700 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)

#### 12.2. Persistence and degradability

CV3-1144-1	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

CV3-1144-1		
	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

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

international regulations.

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Additional information : Handle empty containers with care because residual vapours are flammable.

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 (ADR) : 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, III, (D/E)

14.3. Transport hazard class(es)

Class (UN) : 3 Hazard labels (UN) : 3



14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler: 30

No.)

Classification code (UN) : F1

Orange plates :

30 1268

Special provision (ADR) 363

Transport category (ADR) 3

Tunnel restriction code : D/E

Limited quantities (ADR) 5L

Excepted quantities (ADR) : E1

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

CV3-1144-1 - Dibutyltin dilaurate - N-[3-(Trimethyoxysilyl)propyl]-1,2ethanediamine - 2-Butanone, O,O',O''-(methylsilylidyne)trioxime - Solvent naphtha, petroleum, light aliphatic

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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.

CV3-1144-1 - Solvent naphtha, petroleum, light aliphatic

Contains no REACH candidate substance

VOC content : 25 – 30%

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**

Revision date : 14/02/2014

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. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic 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	
Muta. 2	Germ cell mutagenicity, Category 2	
Repr. 1B	Reproductive toxicity, Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Sensitisation — Skin, category 1	
Skin Sens. 1B	Sensitisation — Skin, category 1B	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
STOT SE 1	Specific target organ toxicity — single exposure, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
H225	Highly flammable liquid and vapour	
H226	Flammable liquid and vapour	
H304	May be fatal if swallowed and enters airways	
H311	Toxic in contact with skin	
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	
H336	May cause drowsiness or dizziness	
H341	Suspected of causing genetic defects	

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H360	May damage fertility or the unborn child
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
R34	Causes burns
R36	Irritating to eyes
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
R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
R48/23/24/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin 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
С	Corrosive
F	Highly flammable
N	Dangerous for the environment
T	Toxic
Xi	Irritant
Xn	Harmful
(REACH Annex II) 11nt	

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.



# Silicone Sales & Services UK - Ireland - Benelux

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