18/05/2016

18/05/2016 10/07/2014 SECTION 1: Identification of the substance/mixture and of the

company/undertaking

Product form	Mixture
Product Name	CV-1148
Synonyms	Controlled Volatility, RTV Silicone Atomic Oxygen Protective Coating.
Other means of identification	CV-1148
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	Provides atomic oxygen and electrostatic discharge protection. For professional use only.
1.2.2. Uses advised against	
No additional information available	9
1.3. Details of the supplier of the s	afety data sheet
NuSil Technology LLC	
1050 Cindy Lane	
Carpinteria, California 93013	
USA	
(805) 684-8780	
<u>ehs@nusil.com</u>	
www.nusil.com	
1.4. Emergency telephone number	
Emergency : 800-424-9300 number Maritime)	CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and
nombei Maliime)	

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		
Asp. Tox. 1	H304		
Aquatic Chronic 3	H412		
Full text of hazard c	lasses and H-state	ements : see section	16
Adverse physicoch	emical, human h	ealth and environme	ntal effects
No additional inform			
2.2. Label eleme	nts		
Labelling according	a to Regulation (E	C) No. 1272/2008 [CL	.P]
Hazard pictograms			
Signal word (CLP)		GHS02 GHS07	GHS08
Signal word (CLP) Hazardous ingredie	nta	Danger	yl)propyl]-1,2-ethanedia
	1113	• • • • •	lidvpoltriovimo: 1 Propar

amine; 2-Butanone, O,O',O"-(methylsilylidyne)trioxime; 1-Propanamine, 3-(triethoxysilyl)-; Solvent naphtha, petroleum, light aliphatic



CV-1148

Safety Data Sheet

1.1. Product identifier

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: Date of issue:

Version: 3.0

Safety Data Sheet

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

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
	H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP)	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
	P261 - Avoid breathing vapors, mist, or spray
	P264 - Wash hands, forearms and face 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 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
	P312 - Call a POISON CENTER or doctor if you feel unwell
	P321 - Specific treatment (see section 4 on this SDS)
	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 appropriate media to extinguish
	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 in accordance with local,
	regional, national, and international regulations
2.3. Other Hazards	-
Other hazards not contributing to	Exposure may aggravate those with pre-existing eye, skin, or
the classification	respiratory conditions. When decomposing: formation of small
	quantities of (formaldehyde).

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Safety Data Sheet

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

3.2. Mixture			
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	20 - 25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Graphite	(CAS No) 7782-42-5 (EC no) 231-955-3	5 - 10	Not classified
2-Butanone, 0,0',0''- (methylsilylidyne)trioxime	(CAS No) 22984-54-9 (EC no) 245-366-4	5 - 8	Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT RE 2, H373
1-Propanamine, 3- (triethoxysilyl)-	(CAS No) 919-30-2 (EC no) 213-048-4 (EC index no) 612-108-00-0	1 - 2	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Irrit. 2, H319 Skin Sens. 1, H317
N-[3- (Trimethyoxysilyl)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

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Never give anything by mouth to an unconscious person. If exposed or concerned: Get medical advice/attention.
Remove to fresh air and keep at rest in a position comfortable for breathing. Ventilate the area. Call a POISON CENTER or doctor/physician if you feel unwell.
Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Seek immediate medical attention.
Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
and effects, both acute and delayed
May be fatal if swallowed and enters airways. May cause drowsiness and dizziness. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Causes damage to organs through prolonged or repeated exposure.
May cause drowsiness or dizziness.
Causes skin irritation. May cause an allergic skin reaction.
Causes serious eye irritation.
May be fatal if swallowed and enters airways.
Causes 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).

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 5: Firefighting measures

5.1. Extinguishing media

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Do not use a heavy water stream. A heavy water stream may spread burning liquid. Application of water stream to hot product may cause frothing and increase fire intensity.
n the substance or mixture
Highly flammable liquid and vapour.
May form flammable/explosive vapour-air mixture.
Reacts with strong oxidants causing fire and explosion hazard.
Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Avoid release to the environment. Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapours from decomposition. Stop leak if safe to do so.
Do not enter fire area without proper protective equipment, including respiratory protection.
Exposure to fire may cause containers to rupture/explode. Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Do not get in eyes, on skin, or on clothing. Do NOT breathe (vapour, mist, spray, gas). Use only outdoors or in a well-ventilated area. Use special care to avoid static electric charges. Use only non-sparking tools. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.
6.1.1.For non-emergency person	nel
Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel. Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.
6.2. Environmental precautions	
Description to the second seco	

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

prevent migration and
aste safely. Absorb ace in suitable erial such as: saw dust pols. Ventilate area.

6.4. Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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. Avoid release to the environment.
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Use only outdoors or in a well-ventilated area. Use only non-sparking tools.
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. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage,	including any incompatibilities
Technical measures	Proper grounding procedures to avoid static electricity should be followed. Ensure adequate ventilation. Use explosion-proof electrical, lighting, ventilating equipment.
Storage conditions	Keep in fireproof place. Store in a dry, cool and well-ventilated place. Store in a well-ventilated place. Keep container tightly closed.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.
Incompatible materials	Heat sources. Ignition sources.
7.3. Specific end use(s)	
Provides atomic oxygen and electro	static discharge protection. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-Propanamine, 3-(triethoxysilyl)- (919-30-2)		
Finland	HTP-arvo (8h) (mg/m³)	28 mg/m ³
Finland	HTP-arvo (8h) (ppm)	3 ppm
Finland	HTP-arvo (15 min)	55 mg/m³
Finland	HTP-arvo (15 min) (ppm)	6 ppm
Graphite (7782-42-5)		
Austria	MAK (mg/m³)	5 mg/m³ (alveolar dust with <1% Quartz, respirable fraction)
Austria	MAK Short time value (mg/m³)	10 mg/m³ (alveolar dust with <1% quartz, respirable fraction)
Belgium	Limit value (mg/m³)	2 mg/m ³ (except fibers-alveolar fraction)
Bulgaria	OEL TWA (mg/m³)	5,0 mg/m³ (inhalable fraction)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	4 mg/m³ (respirable dust) 10 mg/m³ (total dust)
France	VME (mg/m³)	2 mg/m³ (alveolar fraction)
Greece	OEL TWA (mg/m³)	10 mg/m³ (inhalable fraction) 5 mg/m³ (respirable fraction)
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m ³ (all forms except graphite fibers-respirable fraction)
Latvia	OEL TWA (mg/m³)	2 mg/m ³
Spain	VLA-ED (mg/m³)	2 mg/m³ (dust)

Safety Data Sheet

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

Graphite (7782-42-5)		
Switzerland	VME (mg/m³)	2,5 mg/m³ (natural-respirable dust) 5 mg/m³ (natural-inhalable dust)
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ (inhalable dust) 4 mg/m³ (respirable dust)
United Kingdom	WEL STEL (mg/m³)	30 mg/m³ (calculated-inhalable dust) 12 mg/m³ (calculated-respirable dust)
Czech Republic	Expoziční limity (PEL) (mg/m³)	2,0 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	2,5 mg/m³ (natural-respirable)
Estonia	OEL TWA (mg/m³)	5 mg/m³ (dust)
Finland	HTP-arvo (8h) (mg/m³)	2 mg/m ³
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³ (total inhalable dust) 4 mg/m³ (respirable dust)
Ireland	OEL (15 min ref) (mg/m3)	30 mg/m³ (calculated-total inhalable dust) 12 mg/m³ (calculated-respirable dust)
Lithuania	IPRV (mg/m³)	5 mg/m³ (dust)
Norway	Grenseverdier (AN) (mg/m³)	5 mg/m ³ (natural-total dust) 2 mg/m ³ (natural-respirable dust) 10 mg/m ³ (synthetic-total dust) 4 mg/m ³ (synthetic-respirable dust)
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	5 mg/m ³ (natural-total dust) 2 mg/m ³ (natural-respirable dust) 10 mg/m ³ (synthetic-total dust) 4 mg/m ³ (synthetic-respirable dust)
Poland	NDS (mg/m³)	4,0 mg/m ³ (natural-inhalable fraction) 1,0 mg/m ³ (natural-respirable fraction) 6,0 mg/m ³ (synthetic-inhalable fraction)
Romania	OEL TWA (mg/m³)	2 mg/m³ (SiO2 <5%-respirable fraction, dust)
Slovakia	NPHV (priemerná) (mg/m³)	2,0 mg/m ³ (respirable fraction, 5% or less fibrogenic component) 10 mg/m ³ (respirable fraction, greater than 5% fibrogenic component) 10 mg/m ³ (total aerosol)
Sweden	nivågränsvärde (NVG) (mg/m³)	5 mg/m³ (total dust)
Portugal	OEL TWA (mg/m³)	2 mg/m ³ (all forms except Graphite fibers-respirable fraction)

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. Gas detectors should be used when flammable gases/vapours may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Safety Data Sheet

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

Personal protective equipment Avoid all unnecessary exposure. Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.

Materials for protective clothing Hand protection Eye protection Skin and body protection Respiratory protection

- Chemically resistant materials and fabrics.
- Wear chemically resistant protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.
- Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental exposure controls Other information Do not allow the product to be released into the environment. 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	: Black
Odour	: Solvent
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetat	
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	: 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	: Product is not explosive, however, formation of explosive
	air-vapour mixture is possible.
Oxidising properties	: No data available
Explosive limits	: Not applicable
9.2. Other information	
VOC content	20 - 25 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with strong oxidants causing fire and explosion hazard.

10.2. Chemical stability

May form flammable/explosive vapour-air mixture.

EN (English)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials. Sparks, heat, open flame and other sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Hydrocarbons. Silicon oxides. May release flammable gases. 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

N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)			
LD50 oral rat	2295 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 1,49 mg/l/4h		
2-Butanone, O,O',O''-(methylsilylid	yne)trioxime (22984-54-9)		
LD50 oral rat	2463 mg/kg		
LD50 dermal rat	> 2000 mg/kg		
1-Propanamine, 3-(triethoxysilyl)- (919-30-2)		
LD50 oral rat	1570 mg/kg		
LD50 dermal	4290 mg/kg		
LC50 inhalation rat (Dust/Mist - mg/l/4h)	7,35 mg/l/4h		
Solvent naphtha, petroleum, light aliphatic (64742-89-8)			
Solvent naphtha, petroleum, light a	liphatic (64742-89-8)		
Solvent naphtha, petroleum, light a LD50 oral rat	lliphatic (64742-89-8) > 5000 mg/kg		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause an allergic skin reaction. 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause an allergic skin reaction Not classified 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause an allergic skin reaction Not classified Not classified 		
LD50 oral rat LD50 dermal rabbit Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity	 > 5000 mg/kg 3000 mg/kg Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause an allergic skin reaction Not classified Not classified Not classified e exposure) : May cause drowsiness or dizziness. 		

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

according to Regulation (EC) No. 1907/2006 (REACH) with	i its amendment Regulation (EU) 2015/830			
N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)				
LC50 fish 1	597 mg/l (Species: Danio rerio)			
EC50 Daphnia 1	81 mg/l			
ErC50 (algae)	8,8 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)			
NOEC chronic fish	344 mg/l			
NOEC chronic crustacea	35 mg/l			
NOEC chronic algae	3,1 mg/l (Pseudokirchnerella subcapitata Exposure time: 96h)			
2-Butanone, O,O',O''-(methylsilylidyne)trioxime (22984-54-9)				
EC50 Daphnia 1	ia 1 120 mg/l (Exposure time: 48h - Species: Daphnia magna)			
1-Propanamine, 3-(triethoxysilyl)-	(919-30-2)			
LC50 fish 1	934 mg/l (Danio rerio)			
EC50 Daphnia 1	331 mg/l			
ErC50 (algae)				
NOEC chronic fish				
NOEC chronic crustacea	NOEC chronic crustacea 94 mg/l (Daphnia magna)			
12.2. Persistence and degradability				
CV-1148				
Persistence and degradability	Not established.			
12.3. Bioaccumulative potential				
CV-1148	•			
Bioaccumulative potential	Not established.			
12.4. Mobility in soil No additional information availab				
12.5. Results of PBT and vPvB assessment No additional information available				
12 & Other adverse effects				

12.6. Other adverse effects

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations	Do not dispose of waste into sewer. Do not empty into drains; dispose of this material and its container in a safe way.
Waste disposal recommendations	 Dispose of waste material in accordance with all local, regional, national, and international regulations.
Additional information	Handle empty containers with care because residual vapours are flammable.

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 (ADR)	PETROLEUM DISTILLATES, N.O.S.	
Transport document description	UN 1268 PETROLEUM DISTILLATES, N.O.S. ((Contains naphtha	
(ADR) 14.3. Transport hazard class(es)	solution)), 3, II, (D/E)	
Class (ADR)	: 3	

Safety Data Sheet

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

Danger labels (ADR)



14.4. Packing group	
Packing group (ADR)	: II
14.5. Environmental hazards	
Other information	No supplementary information available.
14.6. Special precautions for user	
14.6.1. Overland transport	
Hazard identification number	33
(Kemler No.)	
	: <u>F1</u>
Orange plates	33
	1268
Special provisions (ADR)	640C, 363
Transport category (ADR)	2
Tunnel restriction code (ADR)	D/E
Limited quantities (ADR)	11
Excepted quantities (ADR)	: E2
EAC code	3YE
14.6.2. Transport by sea	
EmS-No. (1)	: F-E
MFAG-No	128
EmS-No. (2)	S-E
14.6.3. Air transport	

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 VOC content 20 - 25 %

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
2	Hazards identification	Modified. Removed DSD/DPD information.	18/05/2016
3	Composition/information on ingredients	Modified. Removed not classified components. Removed DSD/DPD	18/05/2016

Safety Data Sheet

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

				information.		
	15.1	EU-Regulations		Modified	18/05/2016	
Revision date Data sources Full text of H- and EUH-statements:			6 g to Regulation (EC) No. 1907 ent Regulation (EU) 2015/830	/2006 (REACH) with its		
	Acute Tox. 4 (Inhalation:dust,mist) Acute Tox. 4 (Oral)		Acute to	oxicity (inhalation:dust,mist) C	Category 4	
F			Acute toxicity (oral), Category 4			
Aquatic Chronic 2		Hazardous to the aquatic environment — Chronic Hazard, Category 2				
	Aquatic Chronic 3 Asp. Tox. 1		Hazardous to the aquatic environment — Chronic Hazard, Category 3			
			Aspiratio	on hazard, Category 1		
_	Eye Dam.	1		eye damage/eye irritation, C		
	Eye Irrit. 2			Serious eye damage/eye irritation, Category 2		
_	Flam. Liq. 2 Flam. Liq. 3 Skin Corr. 1B Skin Irrit. 2 Skin Sens. 1 Skin Sens. 1B		Flammable liquids, Category 2			
-			Flammable liquids, Category 3			
-			Skin corrosion/irritation, Category 1B Skin corrosion/irritation, Category 2 Sensitisation — Skin, Category 1 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 fl	Highly flammable liquid and vapour		
	H226		Flamma	Flammable liquid and vapour		
	H302		Harmful if swallowed May be fatal if swallowed and enters airways			
	H304				s airways	
	H314		Causes severe skin burns and eye damage Causes skin irritation May cause an allergic skin reaction			
	H315					
	H317					
	H318		Causes serious eye damage			
	H319		Causes serious eye irritation			
	H332		Harmful if inhaled			
	H336		May cause drowsiness or dizziness			
H373			May ca exposur	use damage to organs throug e	gh prolonged or repeated	
ſ	H411		Toxic to aquatic life with long lasting effects			
ſ	H412		Harmful to aquatic life with long lasting effects		ng effects	

Nusil EU GHS SDS

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

© 2016 - Polymer Systems Technology Limited™ Unit 2. Network 4. Cressex Business Park, Lincoln Road, High Wycombe, Bucks. HP12 3RF

tel: +44 (0) 1494 446610

web: https://www.silicone-polymers.co.uk

email: sales@silicone-polymers.co.uk



Version uploaded 29/11/2016