



## NEO Polymer Protection

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

#### 1.1. Product identifier

NEO Polymer Protection

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

##### Use of the substance/mixture

Automotive care products

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

Company name:	SCHOLL Concepts GmbH	
	Polish & Pad Manufaktur	
Street:	Maybachstrasse 7	
Place:	D-71686 Remseck	
Telephone:	+49 (0) 7141 29299 - 0	Telefax: +49 (0) 7141 29299 - 10
e-mail:	sds@schollconcepts.com	
Internet:	www.schollconcepts.com	

**1.4. Emergency telephone number:** +49 (0) 89 19240 (Giftnotruf Technische Universität München)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

Causes serious eye damage.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

siloxanes and silikonos, {3-[(2-aminoethyl)amino]propyl}methyl-, dimethyl-}

acetic acid

**Signal word:** Danger

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### Pictograms:



### Hazard statements

H314 Causes severe skin burns and eye damage.

### Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

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

P501 Dispose of waste according to applicable legislation.

### 2.3. Other hazards

The mixture contains the following substances fulfilling the vPvB criteria according to REACH Annex XIII:

Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxan.

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**NEO Polymer Protection****Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
1569-01-3	1-propoxy-2-propanol			25 - < 30 %
	216-372-4		01-2119474443-37	
	Flam. Liq. 3, Eye Irrit. 2; H226 H319			
	siloxanes and silikones, {3-[(2-aminoethyl)amino]propyl)methyl-, dimethyl-}			5 - < 10 %
	935-147-8			
	Skin Corr. 1B; H314			
112-34-5	diethylene glycol monobutyl ether			1 - < 5 %
	203-961-6		01-2119475104-44	
	Eye Irrit. 2; H319			
64-19-7	acetic acid			1 - < 5 %
	200-580-7			
	Flam. Liq. 3, Skin Corr. 1A; H226 H314			
540-97-6	Dodecamethylcyclohexasiloxane			< 1 %
	208-762-8		01-2119517435-42	
541-02-6	Decamethylcyclopentasiloxan			< 1 %
	208-764-9		01-2119511367-43	
556-67-2	octamethylcyclotetrasiloxane			< 1 %
	209-136-7			
	Repr. 2, Aquatic Chronic 4; H361f H413			

Full text of H and EUH statements: see section 16.

**NEO Polymer Protection****Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
1569-01-3	216-372-4	1-propoxy-2-propanol	25 - < 30 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
112-34-5	203-961-6	diethylene glycol monobutyl ether	1 - < 5 %
		dermal: LD50 = 2700 mg/kg; oral: LD50 = 5660 mg/kg	
64-19-7	200-580-7	acetic acid	1 - < 5 %
		oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Eye Irrit. 2; H319: >= 10 - < 90	
540-97-6	208-762-8	Dodecamethylcyclohexasiloxane	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
541-02-6	208-764-9	Decamethylcyclopentasiloxan	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	
556-67-2	209-136-7	octamethylcyclotetrasiloxane	< 1 %
		inhalation: LC50 = 36 mg/l (dusts or mists); dermal: LD50 = >2400 mg/kg; oral: LD50 = 4800 mg/kg	

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

IF exposed or concerned: Call a doctor. When in doubt or if symptoms are observed, get medical advice.  
Remove contaminated, saturated clothing immediately.

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.



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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

##### Unsuitable extinguishing media

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Gases/vapours, corrosive

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### General measures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

##### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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### Advice on safe handling

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes.

### Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames., maximum process temperature: 35°C

### Further information on handling

Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use.

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

### Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

### Hints on joint storage

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

### Further information on storage conditions

Recommended storage temperature: 15-25°C

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
64-19-7	Acetic acid	10	25		TWA (8 h)	WEL
		20	50		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL

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### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1569-01-3	1-propoxy-2-propanol			
Consumer DNEL, long-term	oral	systemic	11 mg/kg bw/day	
Consumer DNEL, long-term	dermal	systemic	36 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	263 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	82,5 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	38 mg/m <sup>3</sup>	
57-55-6	propan-1,2-diol			
Consumer DNEL, long-term	inhalation	local	10 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	systemic	168 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	local	10 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	213 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	50 mg/m <sup>3</sup>	
Consumer DNEL, long-term	oral	systemic	85 mg/kg bw/day	
112-34-5	diethylene glycol monobutyl ether			
Worker DNEL, long-term	inhalation	local	67,5 mg/m <sup>3</sup>	
Consumer DNEL, long-term	oral	systemic	6,25 mg/kg bw/day	
Worker DNEL, acute	inhalation	local	101,2 mg/m <sup>3</sup>	
64-19-7	acetic acid			
Worker DNEL, long-term	inhalation	local	25 mg/m <sup>3</sup>	
Consumer DNEL, long-term	inhalation	local	25 mg/m <sup>3</sup>	
Consumer DNEL, acute	inhalation	local	25 mg/m <sup>3</sup>	
Worker DNEL, acute	inhalation	local	25 mg/m <sup>3</sup>	
540-97-6	Dodecamethylcyclohexasiloxane			
Worker DNEL, long-term	inhalation	systemic	11 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	local	1,22 mg/m <sup>3</sup>	
Consumer DNEL, long-term	inhalation	systemic	2,7 mg/m <sup>3</sup>	
Consumer DNEL, long-term	inhalation	local	0,3 mg/m <sup>3</sup>	
Consumer DNEL, long-term	oral	systemic	1,7 mg/kg bw/day	



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Consumer DNEL, acute	oral	systemic	1,7 mg/kg bw/day
541-02-6	Decamethylcyclopentasiloxan		
Worker DNEL, long-term	inhalation	systemic	97,3 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	systemic	97,3 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	24,2 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	24,2 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	systemic	17,3 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	local	4,3 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	5 mg/kg bw/day
556-67-2	octamethylcyclotetrasiloxane		
Consumer DNEL, acute	inhalation	local	61 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	systemic	305 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	systemic	305 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	73 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	local	61 mg/m <sup>3</sup>



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### PNEC values

CAS No	Substance	
Environmental compartment		Value
1569-01-3	1-propoxy-2-propanol	
Freshwater		0,1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		0,386 mg/kg
Marine sediment		0,0386 mg/kg
Soil		0,0185 mg/kg
57-55-6	propan-1,2-diol	
Freshwater		260 mg/l
Marine water		26 mg/l
Freshwater sediment		572 mg/kg
Marine sediment		57,2 mg/kg
Micro-organisms in sewage treatment plants (STP)		20000 mg/l
Soil		50 mg/kg
112-34-5	diethylene glycol monobutyl ether	
Freshwater		1,1 mg/l
Marine water		0,11 mg/l
Freshwater sediment		4,4 mg/kg
Marine sediment		0,44 mg/kg
Secondary poisoning		56 mg/kg
Soil		0,32 mg/kg
64-19-7	acetic acid	
Freshwater		3,058 mg/l
Marine water		0,03058 mg/l
Freshwater sediment		11,36 mg/kg
Marine sediment		1,136 mg/kg
Soil		0,47 mg/kg
Micro-organisms in sewage treatment plants (STP)		85 mg/l
540-97-6	Dodecamethylcyclohexasiloxane	
Freshwater sediment		13 mg/kg
Marine sediment		1,3 mg/kg

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Secondary poisoning	66,7 mg/kg
Soil	3,77 mg/kg
541-02-6	Decamethylcyclopentasiloxan
Freshwater	0,0012 mg/l
Marine water	0,00012 mg/l
Freshwater sediment	11 mg/kg
Marine sediment	1,1 mg/kg
Soil	1,27 mg/kg
556-67-2	octamethylcyclotetrasiloxane
Freshwater	0,00044 mg/l
Marine water	0,000044 mg/l
Freshwater sediment	0,59 mg/kg
Marine sediment	0,059 mg/kg
Secondary poisoning	41 mg/kg
Soil	0,15 mg/kg

### 8.2. Exposure controls



#### Appropriate engineering controls

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Protective and hygiene measures

Wear protective gloves/protective clothing. Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. When using do not smoke. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### Eye/face protection

Wear eye/face protection. Suitable eye protection: Eye glasses with side protection (DIN EN 166)

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the



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supplier of these gloves.

Recommended glove articles : Dermatril P 743, Thickness of the glove material 0,2 mm, level 2 >= 30 min. (DIN EN 374)

### Skin protection

Wear suitable protective clothing.

### Respiratory protection

Warning! In case of inadequate ventilation wear respiratory protection.

### Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

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

Physical state: Liquid  
Colour: yellow  
Odour: characteristic

	Test method
pH-Value (at 20 °C):	4,5

#### Changes in the physical state

Melting point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flash point:	54 °C DIN 51755
Sustaining combustion:	Not sustaining combustion EN ISO 9038

#### Flammability

Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	252 °C
<b>Self-ignition temperature</b>	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined



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Vapour pressure: (at 20 °C)	2,2 hPa
Vapour pressure: (at 50 °C)	14,838 hPa
Density (at 20 °C):	0,99 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	completely miscible
<b>Solubility in other solvents</b> not determined	
Partition coefficient n-octanol/water:	not determined
Viscosity / dynamic: (at 20 °C)	5 - 15 mPa·s
Evaporation rate:	not determined
Solvent content:	38,20 %

### 9.2. Other information

Solid content:	not determined
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

### 10.5. Incompatible materials

Strong acid. Strong alkali. Oxidising agent.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Toxicokinetics, metabolism and distribution

No information available.

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### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1569-01-3	1-propoxy-2-propanol				
	oral	LD50 >2000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA	OECD 402
112-34-5	diethylene glycol monobutyl ether				
	oral	LD50 5660 mg/kg	Rat	GESTIS	
	dermal	LD50 2700 mg/kg	Rabbit	GESTIS	
64-19-7	acetic acid				
	oral	LD50 3310 mg/kg	Rat	GESTIS	
540-97-6	Dodecamethylcyclohexasiloxane				
	oral	LD50 >2000 mg/kg	Rat		OECD 423
	dermal	LD50 >2000 mg/kg	Rat		OECD 402
541-02-6	Decamethylcyclopentasiloxan				
	oral	LD50 >5000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA	OECD 402
556-67-2	octamethylcyclotetrasiloxane				
	oral	LD50 4800 mg/kg	Rat	OECD 401	
	dermal	LD50 >2400 mg/kg	Rat		
	inhalation (4 h) aerosol	LC50 36 mg/l	Rat	OECD 403	

### Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.



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### **Sensitising effects**

Based on available data, the classification criteria are not met.

### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

### **STOT-single exposure**

Based on available data, the classification criteria are not met.

### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **Specific effects in experiment on an animal**

No information available.

### **Additional information on tests**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### **12.1. Toxicity**

Based on available data, the classification criteria are not met.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
1569-01-3	1-propoxy-2-propanol					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	ASTM Standard E729-88
	Acute algae toxicity	ErC50 1466 mg/l	96 h	Pseudokirchneriella subcapitata	ECHA	EPA OTS 797.1050
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	ASTM Standard E729-88
112-34-5	diethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 1300 mg/l	96 h	Lepomis macrochirus (Bluegill)	ECHA	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	96 h	Scenedesmus sp.	ECHA	OECD 201
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	ECHA	92/69/EWG, C.2
	Algae toxicity	NOEC >100 mg/l	1 d	Scenedesmus sp.		
64-19-7	acetic acid					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Acute algae toxicity	ErC50 134 mg/l	72 h	Navicula pelliculosa	ECHA	
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna	ECHA	
540-97-6	Dodecamethylcyclhexasiloxane					
	Acute algae toxicity	ErC50 0,002 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Fish toxicity	NOEC 0,0044 mg/l	49 d	Pimephales promelas (fathead minnow)		
	Algae toxicity	NOEC 0,002 mg/l	3 d	Pseudokirchneriella subcapitata		OECD 201
	Crustacea toxicity	NOEC 0,0046 mg/l	21 d	Daphnia magna (Big water flea)		
541-02-6	Decamethylcyclopentasiloxan					
	Acute fish toxicity	LC50 >0,016 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	OECD 203
	Acute algae toxicity	ErC50 >0,012 mg/l	96 h	Pseudokirchneriella subcapitata	ECHA	OECD 201

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	Acute crustacea toxicity	EC50 mg/l	>0,0029	48 h	Daphnia magna (Big water flea)	ECHA	OECD 202
	Fish toxicity	NOEC mg/l	>0,0014	90 d	Oncorhynchus mykiss (Rainbow trout)	ECHA	OECD 210
	Crustacea toxicity	NOEC mg/l	>0,0015	21 d	Daphnia magna (Big water flea)	ECHA	OECD 211
556-67-2	octamethylcyclotetrasiloxane						
	Acute fish toxicity	LC50 mg/l	>0.022	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Acute algae toxicity	ErC50 mg/l	>0.022	96 h	Pseudokirchneriella subcapitata	ECHA	
	Acute crustacea toxicity	EC50 mg/l	0,015	48 h	Daphnia magna (Big water flea)	ECHA	

### 12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.



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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
1569-01-3	1-propoxy-2-propanol			
	OECD 301 A	91,5%	28	ECHA
	Readily biodegradable (according to OECD criteria).			
112-34-5	diethylene glycol monobutyl ether			
	OECD 301 C	>80 %	28	ECHA
	Readily biodegradable (according to OECD criteria).			
64-19-7	acetic acid			
	J. Water pollut. Contr. Fed. Vol 46 PP 46-77	96%	20	ECHA
	Readily biodegradable (according to OECD criteria).			
540-97-6	Dodecamethylcyclohexasiloxane			
	OECD 310	4,5%	28	ECHA
	Not readily biodegradable (according to OECD criteria)			
	OECD 301B	57%	28	DOW
	Not readily biodegradable (according to OECD criteria)			
541-02-6	Decamethylcyclopentasiloxan			
	OECD 310	0,14%	28	ECHA
	According to experiences this product is inert and not degradable.			
556-67-2	octamethylcyclotetrasiloxane			
	OECD 310	3,7%	29	ECHA
	Not readily biodegradable (according to OECD criteria)			

### 12.3. Bioaccumulative potential

The product has not been tested.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1569-01-3	1-propoxy-2-propanol	<3
112-34-5	diethylene glycol monobutyl ether	0,56
64-19-7	acetic acid	-0,17
540-97-6	Dodecamethylcyclohexasiloxane	>7
556-67-2	octamethylcyclotetrasiloxane	5,1



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### BCF

CAS No	Chemical name	BCF	Species	Source
1569-01-3	1-propoxy-2-propanol	<100		
540-97-6	Dodecamethylcyclohexasiloxane	<100		
541-02-6	Decamethylcyclopentasiloxan	7,06		OECD 305
556-67-2	octamethylcyclotetrasiloxane	12400	Pimephales promelas (fathead minnow)	

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the vPvB criteria according to REACH Annex XIII:

Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxan.

The product has not been tested.

#### 12.7. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

This material and its container must be disposed of as hazardous waste. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1. UN number:	UN 1760
14.2. UN proper shipping name:	CORROSIVE LIQUID, N.O.S. (acetic acid)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8

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Classification code: C9  
Special Provisions: 274  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 80  
Tunnel restriction code: E

**Inland waterways transport (ADN)**

14.1. UN number: UN 1760  
14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. (acetic acid)  
14.3. Transport hazard class(es): 8  
14.4. Packing group: III  
Hazard label: 8



Classification code: C9  
Special Provisions: 274  
Limited quantity: 5 L  
Excepted quantity: E1

**Marine transport (IMDG)**

14.1. UN number: UN 1760  
14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S.( acetic acid )  
14.3. Transport hazard class(es): 8  
14.4. Packing group: III  
Hazard label: 8



Special Provisions: 223, 274  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-A, S-B  
Segregation group: alkalis

## NEO Polymer Protection

### Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 1760
14.2. UN proper shipping name:	CORROSIVE LIQUID, N.O.S.( acetic acid )
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8



Special Provisions:	A3 A803
Limited quantity Passenger:	1 L
Passenger LQ:	Y841
Excepted quantity:	E1
IATA-packing instructions - Passenger:	852
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	856
IATA-max. quantity - Cargo:	60 L

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

Warning: strongly corrosive.

### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxan; octamethylcyclotetrasiloxane

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 55, Entry 70

2010/75/EU (VOC): 35,918 % (355,583 g/l)

2004/42/EC (VOC): 39,018 % (386,273 g/l)

#### Additional information



## NEO Polymer Protection

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC

### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).  
Water hazard class (D): 2 - obviously hazardous to water

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### Substance/product listed in the following inventories

EU / Schweiz	yes
Taiwan	yes
New Zealand	yes
USA	yes
Canada	yes
Australia	yes
Japan	yes
China	yes
Korea	yes
Philippines	yes

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 3.

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

## NEO Polymer Protection

### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Corr. 1B; H314	Calculation method
Eye Dam. 1; H318	Calculation method

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H413	May cause long lasting harmful effects to aquatic life.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

#### Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Formulation or re-packing	F	-	-	8a, 9	2	-	-	
2	Automotive care products, Industrial uses	IS	-	-	7, 10, 17	4	-	-	
3	Automotive care products, Professional uses	PW	-	-	10, 11, 17	8a	-	-	
4	Automotive care products, Consumer use	C	-	31	-	8a	-	-	

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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