

# Safety Data Sheet

**CERAMIC POLYMER**  
A CHESTERTON INTERNATIONAL SUBSIDIARY

according to Regulation (EC) No 1907/2006

## Proguard 169 (37) Part A

Print date: 09.04.2019

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

#### 1.1. Product identifier

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

##### Use of the substance/mixture

Coatings and paints, fillers, putties, thinners

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

Company name:	Ceramic Polymer GmbH	
Street:	Daimlerring 9	
Place:	DE-32289 Rödinghausen	
Telephone:	+49(0) 52 23 / 9 62 76-0	Telefax: +49(0) 52 23 / 9 62 76-17
e-mail:	info@ceramic-polymer.de	
Internet:	www.ceramic-polymer.de	
Responsible Department:	info@ceramic-polymer.de	

#### 1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

### SECTION 2: Hazards identification

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

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

Hazard categories:

Flammable liquid: Flam. Liq. 3

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

##### Hazard components for labelling

Reactions mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat and

Methyl-1,2,2,6,6-pentamethyl-4-piperidylsebacat

Hydrocarbons, C9, aromatics

Signal word: Warning

Pictograms:



##### Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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	smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378	In case of fire: Use extinguishing powder or sand to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

### Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking.
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### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	Hydrocarbons, C9, aromatics			10-12,5 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411			
123-86-4	n-butyl acetate			5-10 %
	204-658-1	607-025-00-1	01-2119485493-29	
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
1330-20-7	xylene			2,5-5 %
	215-535-7	601-022-00-9	01-2119488216-32	
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315			
108-67-8	mesitylene; 1,3,5-trimethylbenzene			1-2,5 %
	203-604-4	601-025-00-5	01-2119463878-19	
	Flam. Liq. 3, STOT SE 3, Aquatic Chronic 2; H226 H335 H411			
100-41-4	ethylbenzene			1-2,5 %
	202-849-4	601-023-00-4	01-2119489370-35	
	Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H332 H373 H304 H411			
108-65-6	2-methoxy-1-methylethyl acetate			1-2,5 %
	203-603-9	607-195-00-7	01-2119475791-29	
	Flam. Liq. 3; H226			
	Reactionsmass of bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat and Methyl-1,2,2,6,6-pentamethyl-4-piperidylsebacat			0,5-1 %
	915-687-0		01-2119491304-40	
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410			

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately

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(show directions for use or safety data sheet if possible).

### **After inhalation**

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Seek medical advice immediately.

Do not wash with: Solvents/Thinner

### **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**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Do NOT induce vomiting.

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

Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

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

First Aid, decontamination, treatment of symptoms.

After contact with skin, wash immediately with plenty of Lutrol.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). alcohol resistant foam. Water spray jet

#### **Unsuitable extinguishing media**

Full water jet

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

Carbon monoxide Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)

### **5.3. Advice for firefighters**

Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.

### **Additional information**

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**

See protective measures under point 7 and 8.

Provide adequate ventilation.

Personal protection equipment: see section 8

Remove persons to safety.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Cover drains. Adverse environmental effects

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

Absorb with liquid-binding material (e.g. 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**

See protective measures under point 7 and 8.

Disposal: see section 13

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

See section 8. Wear personal protection equipment (refer to section 8). Keep container tightly closed.  
Provide earthing of containers, equipment, pumps and ventilation facilities.  
Use only antistatically equipped (spark-free) tools.

##### Advice on protection against fire and explosion

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.  
Protect from sunlight.

##### Hints on joint storage

Keep away from:  
Food and feedingstuffs  
Oxidising agent

##### Further information on storage conditions

Keep away from:  
Frost  
Heat  
Humidity

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

No information available.

### 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
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL
100-41-4	Ethylbenzene	100	441		TWA (8 h)	WEL
		125	552		STEL (15 min)	WEL
108-67-8	Trimethylbenzenes: Mesitylene	25	125		TWA (8 h)	WEL
1330-20-7	Xylene: mixed isomers	50	220		TWA (8 h)	WEL
		100	441		STEL (15 min)	WEL

##### Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid (creatinine)	650 mmol/mol	urine	Post shift

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### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
	Hydrocarbons, C9, aromatics			
	Worker DNEL, long-term	dermal	systemic	25 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	150 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	11 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	32 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	11 mg/kg bw/day
123-86-4	n-butyl acetate			
	Worker DNEL, acute	dermal	systemic	11 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	300 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	600 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	local	300 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	600 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	11 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	35,7 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	systemic	300 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	35,7 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	local	300 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	6 mg/kg bw/day
	Consumer DNEL, acute	dermal	systemic	6 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	2 mg/kg bw/day
	Consumer DNEL, acute	oral	systemic	2 mg/kg bw/day
1330-20-7	xylene			
	Worker DNEL, long-term	inhalation	systemic	77 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	289 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	289 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	180 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	14,8 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	systemic	174 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	local	174 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	108 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day
100-41-4	ethylbenzene			
	Worker DNEL, acute	inhalation	local	293 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	systemic	77 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	293 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	180 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	15 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day

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,			
108-65-6	2-methoxy-1-methylethyl acetate		
Worker DNEL, long-term	inhalation	systemic	275 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	550 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	796 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	33 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	local	33 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	320 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	36 mg/kg bw/day
,			
	Reactionsmass of bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat and Methyl-1,2,2,6,6-pentamethyl-4-piperidylsebacat		
Worker DNEL, long-term	inhalation	systemic	2,35 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	systemic	2,35 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	2,5 mg/kg bw/day
Worker DNEL, acute	dermal	systemic	2,5 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,58 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	systemic	0,58 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	1,25 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	1,25 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	1,25 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	1,25 mg/kg bw/day
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### PNEC values

CAS No	Substance	
Environmental compartment		Value
123-86-4	n-butyl acetate	
Freshwater		0,18 mg/l
Freshwater (intermittent releases)		0,36 mg/l
Marine water		0,018 mg/l
Freshwater sediment		0,981 mg/kg
Marine sediment		0,098 mg/kg
Micro-organisms in sewage treatment plants (STP)		35,6 mg/l
Soil		0,09 mg/kg
1330-20-7	xylene	
Freshwater		0,327 mg/l
Marine water		0,327 mg/l
Freshwater sediment		12,46 mg/kg
Marine sediment		12,46 mg/kg
Micro-organisms in sewage treatment plants (STP)		6,58 mg/l
Soil		2,31 mg/kg
100-41-4	ethylbenzene	
Freshwater		0,1 mg/l
Freshwater (intermittent releases)		0,1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		13,7 mg/kg
Marine sediment		1,37 mg/kg
Secondary poisoning		20 mg/kg
Micro-organisms in sewage treatment plants (STP)		9,6 mg/l
Soil		2,68 mg/kg
108-65-6	2-methoxy-1-methylethyl acetate	
Freshwater		0,635 mg/l
Marine water		0,064 mg/l
Freshwater sediment		3,29 mg/kg
Marine sediment		0,329 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,29 mg/kg

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

#### Eye/face protection

Suitable eye protection:

Eye glasses with side protection

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goggles

### Hand protection

Tested protective gloves must be worn: DIN EN 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material  $\geq 0,6$  mm

Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))

Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))

Observe the wear time limits as specified by the manufacturer.

### Skin protection

Wear anti-static footwear and clothing

### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Combination filtering device (EN 14387) A-P3

Self-contained respirator (breathing apparatus) (DIN EN 133)

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	various
Odour:	characteristic

#### Test method

pH-Value: not applicable

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Sublimation point: not determined

Softening point: not determined

Pour point: not determined

Flash point: 24 °C

#### Flammability

Solid: not determined

Gas: not determined

#### Explosive properties

The product is: not explosive according to EU A.14 In use may form flammable/explosive vapour-air mixture.

Lower explosion limits: 0,7 vol. %

Upper explosion limits: 10,8 vol. %

Ignition temperature: 315 °C

#### Auto-ignition temperature

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

#### Oxidizing properties

No information available.



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Vapour pressure: (at 20 °C)	12,5 hPa
Density (at 20 °C):	1,33 g/cm <sup>3</sup>
Water solubility:	practically insoluble
<b>Solubility in other solvents</b> No information available.	
Partition coefficient:	not determined
Viscosity / kinematic: (at 20 °C)	55 mm <sup>2</sup> /s
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	<3%
Solvent content:	28%

### **9.2. Other information**

Solid content:	72%
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No information available.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

### **10.2. Chemical stability**

The substance is chemically stable under recommended conditions of storage, use and temperature.

### **10.3. Possibility of hazardous reactions**

Reacts with: Acid, Base

### **10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

### **10.5. Incompatible materials**

Acid, Base

### **10.6. Hazardous decomposition products**

Thermal decomposition: Carbon monoxide Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

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

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CAS No	Chemical name			
	Exposure route	Dose	Species	Source
	Hydrocarbons, C9, aromatics			
	oral	LD50 3592 mg/kg	Rat	
	dermal	LD50 >3160 mg/kg	Rabbit	
	inhalation (4 h) vapour	LC50 >6193 mg/l	Rat	
123-86-4	n-butyl acetate			
	oral	LD50 14130 mg/kg	Rat	Publication (1954)
1330-20-7	xylene			
	dermal	ATE 1100 mg/kg		
	inhalation vapour	ATE 11 mg/l		
	inhalation aerosol	ATE 1,5 mg/l		
108-67-8	mesitylene; 1,3,5-trimethylbenzene			
	inhalation (4 h) vapour	LC50 24 mg/l	Rat	GESTIS
100-41-4	ethylbenzene			
	oral	LD50 ca. 3500 mg/kg	Rat	AMA Arch. Ind. Health. 14:387-398. (1956)
	dermal	LD50 15400 mg/kg	Rabbit	GESTIS
	inhalation (4 h) vapour	LC50 17,2 mg/l	Rat	
	inhalation aerosol	ATE 1,5 mg/l		
108-65-6	2-methoxy-1-methylethyl acetate			
	oral	LD50 >5000 mg/kg	Rat	
	inhalation (4 h) aerosol	LC50 >23,878 mg/l		

### Irritation and corrosivity

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

### 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

Vapours may cause drowsiness and dizziness. (Hydrocarbons, C9, aromatics; n-butyl acetate)

### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

### Aspiration hazard

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

## SECTION 12: Ecological information

### 12.1. Toxicity

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CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
	Hydrocarbons, C9, aromatics				
	Acute fish toxicity	LC50 9,2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 2,6 - 2,9 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 3,2 mg/l	48 h	Daphnia magna (Big water flea)	
123-86-4	n-butyl acetate				
	Crustacea toxicity	NOEC 23,2 mg/l	21 d	Daphnia magna	Study report (2000)
1330-20-7	xylene				
	Acute fish toxicity	LC50 2,6 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 2,2 mg/l	72 h	Pseudokirchneriella subcapitata	Supplier
	Acute crustacea toxicity	EC50 3,2 mg/l	48 h	Daphnia magna (Big water flea)	ECHA
108-67-8	mesitylene; 1,3,5-trimethylbenzene				
	Acute fish toxicity	LC50 12,5 mg/l	96 h		GESTIS
	Acute crustacea toxicity	EC50 13 mg/l	48 h		GESTIS
100-41-4	ethylbenzene				
	Acute fish toxicity	LC50 4,2 mg/l	96 h	Oncorhynchus mykiss	Ecotoxicol. Environ. Saf. 16:158-169 (19)
	Acute algae toxicity	ErC50 4,6 mg/l	72 h	Pseudokirchneriella subcapitata	Chemosphere 10(10): 1123-1126 (1981)
	Acute crustacea toxicity	EC50 1,8 - 2,4 mg/l	48 h	Daphnia magna	Water Res. 27:903-909 (1993)
	Acute bacteria toxicity	(ca. 600 mg/l)	0,5 h	activated sludge, domestic	Study report (1988)
108-65-6	2-methoxy-1-methylethyl acetate				
	Acute fish toxicity	LC50 134 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Selenastrum capricornutum	
	Acute crustacea toxicity	EC50 >500 mg/l	48 h	Daphnia magna	

### 12.2. Persistence and degradability

No information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
123-86-4	n-butyl acetate			
		98%	28	
	Readily biodegradable (according to OECD criteria).			
100-41-4	ethylbenzene			
	OECD 301B	79%	10	
	Readily biodegradable (according to OECD criteria).			

### 12.3. Bioaccumulative potential

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### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
123-86-4	n-butyl acetate	2,4
108-67-8	mesitylene; 1,3,5-trimethylbenzene	3,42
100-41-4	ethylbenzene	3,6
108-65-6	2-methoxy-1-methylethyl acetate	0,43

### BCF

CAS No	Chemical name	BCF	Species	Source
100-41-4	ethylbenzene	1	Oncorhynchus kisutch	Arch. Environ. Conta

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Special Provisions:	163 640E 650
Limited quantity:	5 L
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

#### Other applicable information (land transport)

E1

### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Classification code:	F1
Special Provisions:	163 640E 650
Limited quantity:	5 L

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### Other applicable information (inland waterways transport)

E1

### Marine transport (IMDG)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Special Provisions:	163, 223, 955
Limited quantity:	5 L
EmS:	F-E, S-E

### Other applicable information (marine transport)

E1

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

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3
Special Provisions:	A3 A72
Limited quantity Passenger:	10 L
IATA-packing instructions - Passenger:	355
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

### Other applicable information (air transport)

E1

Passenger-LQ: Y344

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No 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

#### EU regulatory information

2010/75/EU (VOC):	372 g/l
Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

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Water contaminating class (D): 2 - clearly water contaminating

### **15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C9, aromatics  
n-butyl acetate  
xylene  
mesitylene; 1,3,5-trimethylbenzene  
ethylbenzene  
2-methoxy-1-methylethyl acetate

## **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)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effect concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs (acoustic organ) 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.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### **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

## Safety Data Sheet

**CERAMIC POLYMER**  
A CHESTERTON INTERNATIONAL SUBSIDIARY

according to Regulation (EC) No 1907/2006

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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.

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