

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## PRO SATIN FINISH

Compilation date: 02.11.2017  
Revision date: 15.12.2017

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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

Inapplicable.

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

Company name: Arcora International GmbH  
Street: Marsstraße 9  
Place: 85609 Aschheim by Munich  
Germany  
Tel: +49 (0)89 / 14 33 29 3-0  
Fax: +49 (0)89 / 14 33 29 3-29  
E-Mail: info@arcora.de

#### 1.4 Emergency telephone number + 49 (0) 89 / 14 33 29 3-10

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Hazard categories:  
Aquatic Chronic 3, H412  
Hazard Statements:  
Harmful to aquatic life with long lasting effects.

##### Ingredients of unknown toxicity

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 13.9%  
There is no toxicity data available for the polymer in this product, which is exempt and categorized in a low concern functional group under the EPA's Toxic Substances Control Act (TSCA).

##### Ingredients of unknown ecotoxicity

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 16.4%  
There is no data for hazards to the aquatic environment available for the polymer in this product, which is exempt and categorized in a low concern functional group under the EPA's Toxic Substances Control Act (TSCA).

#### 2.2 Label elements

The product is classified as dangerous according to Directive 1999/45/EC and it is not amendments.

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

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### Precautionary statements

- General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- Prevention:** Avoid release to the environment.
- Response:** Not applicable
- Storage:** Not applicable
- Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

### 2.3 Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.1 Mixtures

#### Hazardous components

EG-No.	Chemical name	Quantity
CAS-No.		
Directory	Classification according to regulation (EG) No. 1272/2008 CLP]	
REACH-No.		
203-919-7	2-(2-Ethoxyethoxy) ethanol	≥ 1 - < 5
111-90-0		
	Eye Irrit. 2, H319	
500-315-8	4-Nonylphenol, branched, ethoxylated	≥ 0,1 - < 1
127087-87-0		
	Acute Tox. 4, H302	
9016-45-9	Nonylphenol, ethoxylated	< 1
500-024-6		
	Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
	Octylphenol, ethoxylated	< 1
9036-19-5		
	Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.







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## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 7.3 Specific end use(s)

Not available

## SECTION 8: Exposure controls/personal protection

### 8.1 Specific end uses

#### Occupational exposure limits (TRGS 900)

No exposure limit value known

#### Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### 8.2 Exposure controls

#### Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.



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Lower explosion limits: not determined

Upper explosion limits: not determined

### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

### Oxidizing properties

not oxidising.

Vapor pressure: < 4 kPa (bei Raumtemperatur)

Density: 1,04 g/cm<sup>3</sup>

Water solubility: not available

### Solubility in other solvents

not determined

Partition coefficient: not applicable

Dyn. Viscosity (at 25 °C): not applicable

Vapour density: < 1

Evaporation rate: not determined

VOC-content: 1,8 %

## 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

The product is stable

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Conditions to avoid

No specific data.

### 10.5 Incompatible materials

No specific data.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

CAS-No.	Chemical name				
	Exposure way	Method	Dose	Species	Source
	2-(2-Ethoxyethoxy)ethanol				
	oral	LD50	7500 mg/kg	Rat	
	4-Nonylphenol, branched, ethoxylated				
	oral	LD50	1410 mg/kg	Rat	
	dermal	LD50	2830 mg/kg	Rabbit	
	Nonylphenol, ethoxylated				
	oral	LD50	3241 mg/kg	Rat	
	dermal	LD50	>16000 mg/kg	Rat	
	Octylphenol, ethoxylated				
	oral	LD50	4190 mg/kg	Rat	

##### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Obsevation
2-(2-Ethoxyethoxy)ethanol	Eyes - Mild irritant	Rabbit	-	125 mg	-
	Eyes - Moderate irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Nonylphenol, ethoxylated	Eyes - Severe irritant	Guinea pig	-	20 mg	-
	Eyes - Severe irritant	Mouse	-	20 mg	-
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Human	-	72 hours 15 mg Intermittent	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Octylphenol, ethoxylated	Eyes - Mild irritant	Rabbit	-	15 mg	-
	Eyes - Severe irritant	Rabbit	-	1 %	-

##### Possible acute effects on health

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

##### Symptoms related to the physical, chemical and toxicological characteristic

Inhalation	No specific data.
Skin contact	No specific data
Eye contact	No specific data
Ingestion	No specific data.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
2-(2-Ethoxyethoxy)ethanol	Acute LC50 3340000 µg/l fresh water	Daphnie - Daphnia magna Neonate	48 hours
	Acute LC50 6010000 µg/l fresh water	Fish - Ictalurus punctatus	96 hours
Nonylphenol, ethoxylated	Acute EC50 12 mg/l fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 1.23 mg/l marine water	Crustaceans - Americamysis bahia	48 hours
	Acute LC50 0.148 mg/l fresh water	Daphnie - Daphnia magna Neonate	48 hours
	Acute LC50 1300 µg/l fresh water	Fish - Lepomis macrochirus	96 hours
	Chronic NOEC 8 mg/l fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Chronic NOEC 35 µg/l fresh water	Fish - Oryzias latipes Fishbrut	100 days
Octylphenol, ethoxylated	Acute EC50 210 µg/l fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 10800 µg/l marine water	Krustazeen - Pandalus montagui - Adultus	48 hours
	Acute LC50 8600 µg/l fresh water	Daphnie - Daphnia magna Neonate	48 hours
	Acute LC50 7200 µg/l fresh water	Fish - Oncorhynchus mykiss	96 hours

#### 12.2 Persistence and degradability

Not available

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
2-(2-Ethoxyethoxy)ethanol	-0.54	-	Low

#### 12.4 Mobility in soil

Not available

#### 12.5 Results of PBT and vPvB assessment

Not available

#### 12.6 Other adverse effects

No known significant effects or critical hazards.



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### 14.3 The transport hazard class

### 14.4 Packing group

### Other relevant information about marine transport

lapse

### Air transport (ICAO)

#### 14.1 UN-number

No dangerous good in sense of these transport regulations.

#### 14.2 UN proper shipping name

#### 14.3 The transport hazard class

#### 14.4 Packing group

### Other relevant information about air transport

lapse

### 14.5 Environmental hazards

no

### 14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

#### EU regulatory information (EG) No. 1907/2006 (REACH)

#### Annex XIV the list of substances subject to authorisation.

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

Ingredient name	Intrinsic property	Status	Reference number	Date of revision
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and welldefined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	Substance of equivalent concern	Candidate	ED/69/2013	4/15/2013
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	Substance of equivalent concern	Recommended	ED/169/2012	6/11/2013





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

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### 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.