

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

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

### 1.1 Product identifier

Trade name

**Ardex CA 20 P**

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

Relevant identified uses of the substance or mixture

Adhesive

Uses advised against

No data available.

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

Address

Viega GmbH & Co. KG

Viega Platz 1

57439 Attendorn

Telephone no. +49 2722 610

Fax no. + 49 2722 611415

Information provided by / telephone

+49 180 361-6062

Advice on Safety Data Sheet

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification information

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

Hazard statements (EU)

EUH210 Safety data sheet available on request.

Precautionary statements

P102 Keep out of reach of children.

### 2.3 Other hazards

No data available.

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	trimethoxy(vinyl)silane			
	2768-02-7 220-449-8 - -	Acute Tox. 4; H332 Flam. Liq. 2; H225	< 2.50	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

Remove contaminated clothing and shoes and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position. In case of persisting adverse effects, consult a physician.

##### After inhalation

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

##### After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Consult a doctor if skin irritation persists.

##### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

##### After ingestion

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention if pain still persists.

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

No data available.

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

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Foam; Extinguishing measures to suit surroundings.

##### Unsuitable extinguishing media

High power water jet

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

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Pick up with absorbent material (e.g., sand, kieselguhr, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under heading "Disposal considerations".

### 6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin and eyes. Ensure adequate ventilation.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

No special measures necessary.

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

#### Technical measures and storage conditions

No special measures necessary.

#### Requirements for storage rooms and vessels

Keep only in the original container. Keep container hermetically closed in a dry, cool and well-ventilated place.

#### Advice on storage assembly

Do not store together with: Acids; Bases; Oxidizing agents

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses (EN 166)

**Trade name:** Ardex CA 20 P

**Current version :** 1.0.0, issued: 09.02.2016

**Replaced version:** -, issued: -

**Region:** GB

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. In case of intensive contact, wear protective gloves (EN 374).

Appropriate Material nitrile

**Other**

work clothing.

**Environmental exposure controls**

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form/Colour</b>	
paste	
white to grey	
<b>Odour</b>	
characteristic	
<b>Odour threshold</b>	
No data available	
<b>pH value</b>	
Value	7.0
Source	Supplier

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

<b>Boiling point / boiling range</b>
No data available

<b>Melting point / melting range</b>
No data available

<b>Decomposition point / decomposition range</b>
No data available

<b>Flash point</b>
No data available

<b>Auto-ignition temperature</b>
No data available

<b>Oxidising properties</b>
No data available

<b>Explosive properties</b>
No data available

<b>Flammability (solid, gas)</b>
No data available

<b>Lower flammability or explosive limits</b>
No data available

<b>Upper flammability or explosive limits</b>
No data available

<b>Vapour pressure</b>
No data available

<b>Vapour density</b>
No data available

<b>Evaporation rate</b>
No data available

<b>Relative density</b>
No data available

<b>Density</b>	
Value	1.1 - 1.3 g/cm <sup>3</sup>
Source	Supplier

<b>Solubility in water</b>	
Source	Supplier
Remarks	insoluble

<b>Solubility(ies)</b>
No data available

<b>Partition coefficient: n-octanol/water</b>
No data available

<b>Viscosity</b>
No data available

## 9.2 Other information

<b>Other information</b>
No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

**10.2 Chemical stability**

Stable under normal conditions of use.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

Heat

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute oral toxicity			
No data available			

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
LD50		3360 - 4000	mg/kg bodyweight
Species		rabbit	
Method		OECD 402	
Source		ECHA	

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
LC50		16.8	mg/l
Duration of exposure		4	h
State of aggregation		Vapour	
Species		rat	
Method		OECD 403	
Source		ECHA	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
Species		rabbit	
Source		ECHA	
Evaluation		non-irritant	

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Reproduction toxicity			
No data available			
Carcinogenicity			
No data available			
STOT-single exposure			
No data available			
STOT-repeated exposure			
No data available			
Aspiration hazard			
No data available			

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
LC50		191	mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Source		ECHA	
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
EC50		168.7	mg/l
Duration of exposure		48	h
Species		Daphnia magna	
Method		440/2008/EC C.2.	
Source		ECHA	

Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No data available

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability****Biodegradability**

No	Substance name	CAS no.	EC no.
1	trimethoxy(vinyl)silane	2768-02-7	220-449-8
Type		BOD	
Value		51	%
Duration		28	d
Method		OECD 301 F	
Source		ECHA	
Evaluation		not readily biodegradable	

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information****Other information**

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.



Trade name: Ardex CA 20 P

Current version : 1.0.0, issued: 09.02.2016

Replaced version: -, issued: -

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

## SECTION 15: Regulatory information

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

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

#### **Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

### 15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Ardex CA 20 P

**Current version :** 1.0.0, issued: 09.02.2016

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**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.

**Department issuing safety data sheet**

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