

## Safety Data Sheet

according to Regulation (EU) No. 1907/2006

### SIMALFA 321

Print date : 06.10.2009

Product code : 10478

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## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

SIMALFA 321

### Use of the substance/preparation

Adhesives.

### Company/undertaking identification

Company name:	ALFA Klebstoffe AG	
Street:	vor Eiche 10	
Place:	CH-8197 Rafz	
Telephone:	+41 43 433 30 30	Telefax: +41 43 433 30 33
Internet:	www.alfa-klebstoffe.com	

## 2. Hazards identification

### **Classification**

There is no obligatory labelling requirement according to the Directive covering preparations 1999/45/EC.

### **Explication of special hazards for human health and environment**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

## 3. Composition/information on ingredients

### **Chemical characterization ( Mixture )**

ACRYLATES COPOLYMER + RUBBER LATEX

## 4. First aid measures

### **General information**

Change contaminated clothing.

### **After inhalation**

In case of irritation of the respiratory tract seek medical advice.

### **After contact with skin**

After contact with skin, wash immediately with: Water and soap.  
In case of skin irritation, seek medical treatment.

### **After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

### **After ingestion**

Medical advice absolutely required!

## 5. Fire-fighting measures

### **Suitable extinguishing media**

Suitable extinguishing media: Water. Foam. Dry extinguishing powder.

### **Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

In case of fire and/or explosion do not breathe fumes.

### **Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

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#### Additional information

Material is not combustible.

### 6. Accidental release measures

#### Personal precautions

Wear personal protection equipment.  
Change contaminated clothing.

#### Environmental precautions

Do not empty into drains or the aquatic environment. Cover drains.

#### Methods for cleaning up/taking up

Remove mechanically, placing in appropriate containers for disposal.  
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### Additional information

Clear contaminated area thoroughly. Retain contaminated washing water and dispose.

### 7. Handling and storage

#### Handling

##### Advice on safe handling

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

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

No special precautionary measures are necessary.

##### Further information on handling

Wash hands before breaks and at the end of work.

#### Storage

##### Further information on storage conditions

Store only in original container. Keep container tightly closed.  
Recommended storage temperature: min. +5°C... max. +40°C

### 8. Exposure controls/personal protection

#### Exposure limit values

##### Additional advice on control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

#### Exposure controls

##### Occupational exposure controls

Refer to chapter 7 No further action is necessary.

##### Protective and hygiene measures

personal protection equipment / Wash hands before breaks and at the end of work.

### 9. Physical and chemical properties

#### General information

Physical state:	liquid:
Colour:	white red
Odour:	characteristic

#### Important health, safety and environmental information

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Test method

pH-Value:	7.5 - 9.2	DIN 53785
<b>Changes in the physical state</b>		
Melting point:	not applicable	
Boiling point:	>100 °C	
Softening point:	not applicable	
Flash point:	not applicable	
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Vapour pressure: (at 50 °C)	ca 130 hPa	
Density (at 20 °C):	1.06 g/cm <sup>3</sup>	
Water solubility:	miscible.	
Viscosity / dynamic:	250 mPa·s	DIN 53019

## 10. Stability and reactivity

### Conditions to avoid

Do not freeze.

### Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

## 11. Toxicological information

### Acute toxicity

Toxicological data are not available.

### Sensitising effects

Frequently or prolonged contact with skin may cause dermal irritation.

## 12. Ecological information

### Ecotoxicity

Product may not be released into water without pre-treatment.

### Further information

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.  
Observe regulations concerning local drainage.

## 13. Disposal considerations

### Advice on disposal

Waste disposal according to official state regulations.

### Waste disposal number of waste from residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

### Contaminated packaging

Completely emptied packings can be re-cycled.

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#### 14. Transport information

##### Further Information

Not a hazardous material with respect to these transportation regulations.  
Protect against: frost.

#### 15. Regulatory information

##### Labelling

###### **Additional advice on labelling**

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

###### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

#### 16. Other information

##### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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