

## SAFETY DATA SHEET

# SÜDWEST 2K-Acryl- Strukturlack SG

Ref.	130000006618/
Rev. no.	1.3
Revision Date	04.10.2018
Print Date	05.07.2019

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name SÜDWEST 2K-Acryl-Strukturlack SG

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

Coating compound/ Surface coating/ paint  
Reserved for industrial and professional use.

Uses advised against This information is not available.

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

SÜDWEST Lacke + Farben GmbH & Co.KG  
Iggelheimer Str. 13  
D - 67459 Böhl-Iggelheim  
Telephone: +49 6324/709-0  
Telefax: +49 6324/709-175  
www.suedwest.de

E-mail address of person  
responsible for the SDS  
European Union  
sdb@suedwest.de

#### 1.4 Emergency telephone number European Union

Phone: +44 (0)1235 239 670

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Skin irritation, Category 2 H315: Causes skin irritation.

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Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Warning

Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

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H412 Harmful to aquatic life with long lasting effects.

## Precautionary statements

### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe vapours.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

P301 + P330 + P331 + P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

### Disposal:

P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Hazardous components which must be listed on the label:

Hydrocarbons, C9, aromatics  
xylene (mixture of isomers)  
Hexamethylene diisocyanate, homopolymer

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical nature Lacquer-type paint.

### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)

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Hydrocarbons, C9, aromatics	64742-95-6  01-2119455851-35- XXXX	Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H335, H336 Aquatic Chronic2; H411  Note H (Table 3.1), Note P The CAS number is no longer specified in REACH registration, but still serves as identification in other areas.	≥ 20 - < 25
xylene (mixture of isomers)	1330-20-7 215-535-7 01-2119488216-32- XXXX	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373 Asp. Tox.1; H304	≥ 10 - < 20
Hexamethylene diisocyanate, homopolymer	28182-81-2  01-2119488934-20- XXXX	Acute Tox.4; H332 Skin Sens.1; H317 STOT SE3; H335	≥ 10 - < 20
Fatty acids, C14-18 and C16-18-unsatd., maleated	288-306-2 01-2119976378-19- XXXX	Skin Irrit.2; H315 Skin Sens.1; H317	≥ 0,1 - < 1
Substances with a workplace exposure limit :			
2-methoxy-1- methylethyl acetate	108-65-6 203-603-9 01-2119475791-29- XXXX	Flam. Liq.3; H226	≥ 1 - < 10

For explanation of abbreviations see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice

When symptoms persist or in all cases of doubt seek  
medical advice.

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Never give anything by mouth to an unconscious person.  
If unconscious, place in recovery position and seek medical advice.

Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, seek medical advice immediately and show this container or label. Keep at rest. Do NOT induce vomiting.

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

Symptoms No information available.

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

Treatment Treat symptomatically.  
No information available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media High volume water jet

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

Fire may cause evolution of:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
Exposure to decomposition products may be a hazard to

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	health. Cool closed containers exposed to fire with water spray.
<b>5.3 Advice for firefighters</b>	In the event of fire, wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance.
Additional advice	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Remove all sources of ignition. Ensure adequate ventilation. Do not breathe vapour. Prevent unauthorized access.
<b>6.2 Environmental precautions</b>	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
<b>6.3 Methods and material for containment and cleaning up</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Clean contaminated surface thoroughly. Dispose of contaminated material as waste according to item 13.
<b>6.4 Reference to other sections</b>	Refer to protective measures listed in sections 7 and 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling	Comply with the statutory regulations on health and safety at work. Avoid formation of aerosol. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values. The product should only be used in areas from which all naked lights and other sources of ignition have been
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excluded.

All metal parts of the mixing and processing equipment must be earthed.

Operators should wear antistatic footwear and clothing. No sparking tools should be used.

## Hygiene measures

Do not breathe spray, vapour.

Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and immediately after handling the product.

After washing hands, replenish lost skin oil by means of oily skin ointment.

When using do not eat, drink or smoke.

## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements for storage areas and containers

Store in original container.

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nosmoking.

Prevent unauthorized access.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep in a well-ventilated place.

Protect from frost, heat and sunlight.

### Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors.

Vapours may form explosive mixtures with air.

Keep away from sources of ignition - No smoking.

Take measures to prevent the build up of electrostatic charge.

### Advice on common storage

Keep away from combustible materials.

Keep away from food, drink and animal feedingstuffs.

Keep away from oxidizing agents and strongly acid or alkaline materials.

## 7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

xylene (mixture of isomers)	1330-20-7
2000/39/EC	Limit Value - eight hours 221 mg/m <sup>3</sup>

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2000/39/EC	Limit Value - eight hours	50 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
2000/39/EC	Short term exposure limit	442 mg/m <sup>3</sup>
2000/39/EC	Short term exposure limit	100 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
2-methoxy-1-methylethyl acetate		108-65-6
2000/39/EC	Short term exposure limit	550 mg/m <sup>3</sup>
2000/39/EC	Short term exposure limit	100 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
2000/39/EC	Limit Value - eight hours	275 mg/m <sup>3</sup>
2000/39/EC	Limit Value - eight hours	50 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	

The lists that were valid during the creation were used as basis.

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn. Washing facilities / water for rinsing eyes and skin should be available.

### Individual protection measures, such as personal protective equipment

- a) Eye/face protection                      Safety glasses with side-shields conforming to EN166
- b) Skin protection  
Hand protection                              Recommended preventive skin protection  
Before starting work, apply water-resistant skincare preparations to exposed skin areas.  
Protective gloves should be worn in case of skin contact during preparation and application.

Break through time: 480 min  
Minimum thickness: 0,4 mm  
Gloves made of nitrile rubber, e.g. KCL 730 Camatril®  
Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-



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87-300, kcl-uk@kcl.de), or equivalent.

Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

## Body Protection

Preventive skin protection

Long sleeved clothing

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthehic fiber. All parts of the body should be washed after contact.

## c) Respiratory protection

When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators.

Breathing protection equipment required in inadequately ventilated places and during spraying.

In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.

Combination filter A-P2

Respiratory protection complying with EN 14387.

## Environmental exposure controls

### General advice

The product should not be allowed to enter drains, water courses or the soil.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	various
Odour	characteristic
Odour Threshold	No data available
pH	not determined

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Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	32 °C
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 0,98 g/cm <sup>3</sup>
Solubility(ies) Water solubility	insoluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity Viscosity, dynamic	No data available
Viscosity, kinematic	363 mm <sup>2</sup> /s (40 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

## 9.2 Other information

Flow time	No data available
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.
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### 10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.
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### 10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
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### 10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if stored and applied as directed.
Decomposition temperature	No data available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method

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**Components:****|| xylene (mixture of isomers):**

Acute inhalation toxicity      LC50 (Rat): 11 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity      Harmful in contact with skin.

**|| Hexamethylene diisocyanate, homopolymer:**

Acute inhalation toxicity      LC50 (Rat): 0,1 - 0,5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
The substance was tested in a form (i.e. specific particle size distribution) that is different from the forms in which the substance is placed on the market and in which it can reasonably be expected to be used. Based on the "split-entry" concept and available data on particle size during end-use of the substance a modified classification for acute inhalation toxicity is justified.  
Conversion value of the acute toxicity 1.5 mg/l

**Skin corrosion/irritation****Product:**

Causes skin irritation.

**Components:****|| Hydrocarbons, C9, aromatics:**

Repeated exposure may cause skin dryness or cracking.

**|| xylene (mixture of isomers):**

Causes skin irritation.

**|| Fatty acids, C14-18 and C16-18-unsatd., maleated:**

Causes skin irritation.

**Serious eye damage/eye irritation****Product:**

Causes serious eye irritation.

**Components:****|| xylene (mixture of isomers):**

Causes serious eye irritation.

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## Respiratory or skin sensitisation

### Product:

May cause an allergic skin reaction.  
Does not cause respiratory sensitisation.

### Components:

#### || Hexamethylene diisocyanate, homopolymer:

Species Mouse  
Method OECD Test Guideline 429  
May cause an allergic skin reaction.

#### || Fatty acids, C14-18 and C16-18-unsatd., maleated:

May cause an allergic skin reaction.

## Germ cell mutagenicity

### Product:

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

## Carcinogenicity

### Product:

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

## Reproductive toxicity

### Product:

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

## Developmental Toxicity

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

## STOT - single exposure

### Product:

Assessment May cause respiratory irritation., May cause drowsiness or dizziness.

### Components:

#### || Hydrocarbons, C9, aromatics:

Exposure routes Inhalation  
Assessment May cause respiratory irritation., May cause drowsiness or dizziness.

#### || xylene (mixture of isomers):

Exposure routes Inhalation  
Assessment May cause respiratory irritation.

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**|| Hexamethylene diisocyanate, homopolymer:**

Exposure routes                      Inhalation  
Assessment                              May cause respiratory irritation.

**STOT - repeated exposure****Product:**

Assessment                              May cause damage to organs through prolonged or repeated exposure.

**Components:****|| xylene (mixture of isomers):**

Assessment                              May cause damage to organs through prolonged or repeated exposure.

**Aspiration toxicity****Product:**

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

**Components:****|| Hydrocarbons, C9, aromatics:**

May be fatal if swallowed and enters airways.

**|| xylene (mixture of isomers):**

May be fatal if swallowed and enters airways.

**Experience with human exposure****Product:**

General Information                      Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.  
Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system. Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Solvent sprays can cause irritation and reversible damage to the eye.

**Further information****Product:**



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## 12.4 Mobility in soil

### Product:

Mobility No data available

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects

### Product:

Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Partial and residual quantities can be reused. Fluid remains constitute hazardous waste and should not be poured into the sewage system. They should be taken to a local waste disposal site.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 11* Paint and varnish waste containing organic solvents or other dangerous substances  (* ) hazardous waste in terms of the European directive 91/689/EEC

## SECTION 14: TRANSPORT INFORMATION



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## 14.1 UN number

ADR	1263
IMDG	1263
IATA	1263

## 14.2 UN proper shipping name

ADR	PAINT
IMDG	PAINT
IATA	Paint

## 14.3 Transport hazard class(es)

ADR	3
IMDG	3
IATA	3

## 14.4 Packing group

<b>ADR</b>	
Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
Tunnel restriction code	(D/E)
<b>IMDG</b>	
Packaging group	III
Labels	3
EmS number	F-E, <u>S-E</u>
<b>IATA</b>	
Packaging group	III

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Labels 3

## 14.5 Environmental hazards

### ADR

Environmentally hazardous no

### IMDG

Marine pollutant no

## 14.6 Special precautions for user

Remarks This information is not available.

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

Remarks Not applicable

## Additional advice

ADR ADR: Packages < 450l: No dangerous goods (ADR 2.2.3.1.5)

IMDG IMDG: Packages < 30l: No dangerous goods (IMDG 2.3.2.5).

## SECTION 15: REGULATORY INFORMATION

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

VOC  
Directive 2010/75/EU 57,9 %  
567,4 g/l

VOC  
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

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Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

Not applicable

Other regulations

Comply with the statutory regulations on health and safety at work.

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

## 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: OTHER INFORMATION

**Changes from the previous version are indicated by markings in the left-hand margin.**

**The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.**

### Full text of H-Statements

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.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H335 : May cause respiratory irritation.  
H336 : May cause drowsiness or dizziness.  
H373 : May cause damage to organs through prolonged or repeated exposure.  
H411 : Toxic to aquatic life with long lasting effects.



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1272/2008.

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing  
MSDS  
REG\_EU / EN

[sdb@suedwest.de](mailto:sdb@suedwest.de)

# **SÜDWEST 2K-Acryl- Strukturlack SG**