

SÜDWEST 2K-All-Grund

Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Chronic aquatic toxicity, Category 2	H411: Toxic 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 H315 H319 H373 H411	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.
Precautionary statements	Prevention: P210 P260 P280 Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Disposal:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapours. Wear protective gloves/ protective clothing/ eye protection/ face protection.

SÜDWEST 2K-All-Grund

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:

xylene (mixture of isomers)

Additional Labelling:

EUH208

Contains n-butyl acrylate. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment
Not applicable

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)
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
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29-XXXX	Flam. Liq.3; H226 STOT SE3; H336	≥ 5 - < 10
trizinc bis(orthophosphate)	7779-90-0 231-944-3 01-2119485044-40-XXXX	Aquatic Acute1; H400 Aquatic Chronic1; H410	≥ 5 - < 7,5
n-butyl acrylate	141-32-2 205-480-7	Flam. Liq.3; H226 Eye Irrit.2; H319	≥ 0,1 - < 1

SÜDWEST 2K-All-Grund

	01-2119453155-43-XXXX	STOT SE3; H335 Skin Irrit.2; H315 Skin Sens.1; H317 Acute Tox.4; H332 Aquatic Chronic3; H412 Note D	
zinc oxide	1314-13-2 215-222-5 01-2119463881-32-XXXX	Aquatic Acute1; H400 Aquatic Chronic1; H410	≥ 0,1 - < 0,25

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. 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.
----------	---------------------------

SÜDWEST 2K-All-Grund

sections

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	<p>Comply with the statutory regulations on health and safety at work.</p> <p>Avoid formation of aerosol.</p> <p>Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values.</p> <p>The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.</p> <p>All metal parts of the mixing and processing equipment must be earthed.</p> <p>Operators should wear antistatic footwear and clothing. No sparking tools should be used.</p>
Hygiene measures	<p>Do not breathe spray, vapour.</p> <p>Take off immediately all contaminated clothing.</p> <p>Avoid contact with skin, eyes and clothing.</p> <p>Wash hands before breaks and immediately after handling the product.</p> <p>After washing hands, replenish lost skin oil by means of oily skin ointment.</p> <p>When using do not eat, drink or smoke.</p>

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	<p>Store in original container.</p> <p>Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nosmoking.</p> <p>Prevent unauthorized access.</p> <p>Containers which are opened must be carefully resealed and kept upright to prevent leakage.</p> <p>Keep in a well-ventilated place.</p> <p>Protect from frost, heat and sunlight.</p>
Advice on protection against fire and explosion	<p>Vapours are heavier than air and may spread along floors.</p> <p>Vapours may form explosive mixtures with air.</p> <p>Keep away from sources of ignition - No smoking.</p> <p>Take measures to prevent the build up of electrostatic charge.</p>
Advice on common	<p>Keep away from combustible materials.</p>

SÜDWEST 2K-All-Grund

storage

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****Exposure limit(s)**

Components		CAS-No.
Basis	Type:	Control parameters
xylene (mixture of isomers)		1330-20-7
2000/39/EC	Limit Value - eight hours	221 mg/m ³
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 ³
2000/39/EC	Short term exposure limit	100 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
n-butyl acrylate		141-32-2
2000/39/EC	Limit Value - eight hours	11 mg/m ³
2000/39/EC	Limit Value - eight hours	2 ppm
Additional advice:	Indicative	
2000/39/EC	Short term exposure limit	53 mg/m ³
2000/39/EC	Short term exposure limit	10 ppm
Additional advice:	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

SÜDWEST 2K-All-Grund

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)6659-87-300, 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 synthetic 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.

SÜDWEST 2K-All-Grund**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
Melting point/freezing point	No data available
Initial boiling point and boiling range	127 °C
Flash point	27,7 °C
Evaporation rate	not determined
Flammability (solid, gas)	not applicable
Lower explosion limit	1,1 %(V)
Upper explosion limit	7,0 %(V)
Vapour pressure	5 hPa, 20 °C
Vapour density	No data available
Density	ca. 1,3 g/cm ³
Solubility(ies)(Water)	insoluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Explosive properties	Not explosive, In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	Not applicable

9.2 Other information

Flow time > 90 s, 20 °C, 4 mm

SÜDWEST 2K-All-Grund

Solid content	76,18 %
Ignition temperature	420 °C

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.
---------------------	---

10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.
---------------------	---

10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
--------------------	--

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

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

SÜDWEST 2K-All-Grund

Test atmosphere: vapour

Method: Calculation method

Acute dermal toxicity

Acute toxicity estimate : > 2.000 mg/kg

Method: Calculation method

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye
irritation

Causes serious eye irritation.

Respiratory or skin
sensitisation

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

Germ cell mutagenicity
Genotoxicity in vitro

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

Carcinogenicity

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

Reproductive toxicity
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

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

STOT - repeated exposure

May cause damage to organs through prolonged or
repeated exposure.

Aspiration hazard

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

Human experience

Exposure to component solvent vapours concentration
in excess of the stated occupational exposure limit may

SÜDWEST 2K-All-Grund

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

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

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.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

STOT - single exposure Exposure routes: Inhalation
May cause respiratory irritation.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

n-butyl acetate :

SÜDWEST 2K-All-Grund

Skin corrosion/irritation Repeated exposure may cause skin dryness or cracking.

STOT - single exposure Exposure routes: inhalation (vapour)
May cause drowsiness or dizziness.

n-butyl acrylate :
Acute inhalation toxicity LC50 Rat: 10,3 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

STOT - single exposure Exposure routes: Inhalation
May cause respiratory irritation.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Product:**

Toxicity to fish No data available

Components:**trizinc bis(orthophosphate) :**

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 0,33 -
6,06 mg/l
Exposure time: 96 h

SÜDWEST 2K-All-Grund

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia magna (Water flea)): > 2,34 mg/l
Exposure time: 48 h

Toxicity to algae EC50 (Scenedesmus capricornutum (fresh water algae)): 0,32 mg/l
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) 1

M-Factor (Chronic aquatic toxicity) 1

zinc oxide :

Toxicity to fish LC50 (Pimephales promelas (fathead minnow)): 0,5 mg/l
Exposure time: 96 h
Test Type: static test

M-Factor (Acute aquatic toxicity) 1

Toxicity to fish (Chronic toxicity) NOEC: 0,08 mg/l
Exposure time: 21 d
Species: Oncorhynchus mykiss (rainbow trout)

M-Factor (Chronic aquatic toxicity) 1

12.2 Persistence and degradability

Product:

Biodegradability No data available

Components:

n-butyl acetate :

Biodegradability Result: rapidly degradable
Biodegradation: > 90 %
Exposure time: 28 d

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

Components:

xylene (mixture of isomers) :

Partition coefficient: n- log Pow: > 3

SÜDWEST 2K-All-Grund

octanol/water

n-butyl acetate :

Partition coefficient: n-
octanol/water

log Pow: 2,3 Method: OECD Test Guideline 117

trizinc bis(orthophosphate) :

Bioaccumulation

Does not bioaccumulate.

zinc oxide :

Bioaccumulation

Bioaccumulation is unlikely.

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 use in the direct vicinity of bodies of water. Do not allow the agent or any product residues to enter into waters, the soil or the sewage system. Even small quantities emptied into the soil can affect the quality of drinking water. Toxic 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.

SÜDWEST 2K-All-Grund

	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**14.1 UN number**

ADR	1263
IMDG	1263
IATA	1263

14.2 UN proper shipping name

ADR	PAINT
IMDG	PAINT (trizinc bis(orthophosphate), zinc oxide)
IATA	Paint

14.3 Transport hazard class(es)

ADR	3
IMDG	3
IATA	3

14.4 Packing group

ADR	
Packing group	III
Classification Code	F1

SÜDWEST 2K-All-Grund

Hazard Identification Number	30
Labels	3
Tunnel restriction code	(D/E)

IMDG

Packaging group	III
Labels	3
EmS number	F-E, <u>S-E</u>

IATA

Packaging group	III
Labels	3

14.5 Environmental hazards**ADR**

Environmentally hazardous	yes
---------------------------	-----

IMDG

Marine pollutant	yes
------------------	-----

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 < 5 l: No dangerous goods (ADR 2.2.3.1.5).
IMDG	IMDG: Packages < 5 l: No dangerous goods (IMDG 2.3.2.5).

SÜDWEST 2K-All-Grund

SECTION 15: REGULATORY INFORMATION

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

VOC
Directive 2010/75/EU 24,74 %
321,66 g/l

VOC
Directive 2004/42/EC 25,04 %
325,56 g/l

EU limit value for this product (cat. A/j) :500 g/l This product contains max500 g/IVOC.

Regulation (EC) No : Not applicable
649/2012 of the European
Parliament and the
Council concerning the
export and import of
dangerous chemicals

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.

SÜDWEST 2K-All-Grund

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.
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.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Acute aquatic toxicity
Aquatic Chronic	: Chronic aquatic toxicity
Asp. Tox.	: Aspiration hazard
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety

SÜDWEST 2K-All-Grund

and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 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

SÜDWEST 2K-All-Grund