



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

1.1 Product identifier

S 79 1K-DICHTSTOFF SEALFIX TRANSP
Article number: 08985131

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

1.2.1 Relevant uses

Sealing material

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Kellner & Kunz AG
Boschstr. 37
4600 Wels / AUSTRIA
Phone 0043-7242-484-0
Fax 0043-7242-484-924
Homepage www.reca.co.at
E-mail info@reca.co.at

Address enquiries to

Technical information info@reca.co.at
Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +43 (0) 1 406 43 43 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

No classification.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms none

Hazard statements none

Special labelling EUH210 Safety data sheet available on request.

Contains: 3-Aminopropyltriethoxysilane. EUH208 May produce an allergic reaction.

2.3 Other hazards

Human health dangers Frequent persistent contact with the skin can cause skin irritation.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards none



SECTION 3: Composition / Information on ingredients

Product-type:

3.2 The product is a mixture.

| Range [%] | Substance |
|-----------|---|
| <5 | O,O',O''-(methylsilylidyne)trioxime 2-pentanone CAS: 37859-55-5, EINECS/ELINCS: 484-460-1 GHS/CLP: Acute Tox. 4: H302 - STOT RE 2: H373 - Eye Irrit. 2: H319 |
| 0,1 - <1 | 3-Aminopropyltriethoxysilane CAS: 919-30-2, EINECS/ELINCS: 213-048-4, EU-INDEX: 612-108-00-0, Reg-No.: 01-2119480479-24-XXXX GHS/CLP: Acute Tox. 4: H302 - Skin Corr. 1B: H314 - Skin Sens. 1: H317 |

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Take off contaminated clothing and wash before reuse.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

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

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam, dry powder, water spray jet, carbon dioxide.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)
Nitrogen oxides (NOx).
Formaldehyde vapours.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.



6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder, diatomaceous earth).

Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Wash hands before breaks and after work.

Use barrier skin cream.

Do not eat, drink, smoke or take drugs at work.

Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Store in a dry place.

Protect from heat/overheating.

Keep in a cool place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (GB)

not applicable



8.2 Exposure controls

| | |
|--|--|
| Additional advice on system design | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. |
| Eye protection | Safety glasses. (EN 166:2001) |
| Hand protection | 0,4 mm Nitrile rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information. |
| Skin protection | Not required under normal conditions. |
| Other | Avoid contact with eyes and skin. Do not inhale vapours. |
| Respiratory protection | In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387) |
| Thermal hazards | no |
| Delimitation and monitoring of the environmental exposition | Protect the environment by applying appropriate control measures to prevent or limit emissions. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Form | pasty |
| Color | various |
| Odor | characteristic |
| Odour threshold | No information available. |
| pH-value | not applicable |
| pH-value [1%] | No information available. |
| Boiling point [°C] | > 300 |
| Flash point [°C] | not applicable |
| Flammability (solid, gas) [°C] | not applicable |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | No information available. |
| Density [g/ml] | 1,03 (20 °C / 68,0 °F) |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | insoluble |
| Partition coefficient [n-octanol/water] | No information available. |
| Viscosity | not applicable |
| Relative vapour density determined in air | No information available. |
| Evaporation speed | No information available. |
| Melting point [°C] | No information available. |
| Autoignition temperature [°C] | not applicable |
| Decomposition temperature [°C] | No information available. |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.



10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.
Strong heating.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

In the case of heating (150-180°C) following modest (decomposition) products may occur:
Formaldehyde.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| |
|---|
| Product |
| inhalative, Based on the available information, the classification criteria are not fulfilled.: |
| dermal, Based on the available information, the classification criteria are not fulfilled.: |
| ATE-mix, oral, > 2000 mg/kg. |

| | |
|---|---|
| Serious eye damage/irritation | Based on the available information, the classification criteria are not fulfilled. Calculation method |
| Skin corrosion/irritation | Based on the available information, the classification criteria are not fulfilled. Calculation method |
| Respiratory or skin sensitisation | Based on the available information, the classification criteria are not fulfilled. Calculation method May produce an allergic reaction. |
| Specific target organ toxicity — single exposure | Based on the available information, the classification criteria are not fulfilled. |
| Specific target organ toxicity — repeated exposure | Based on the available information, the classification criteria are not fulfilled. Calculation method |
| Mutagenicity | Based on the available information, the classification criteria are not fulfilled. |
| Reproduction toxicity | Based on the available information, the classification criteria are not fulfilled. |
| Carcinogenicity | Based on the available information, the classification criteria are not fulfilled. |
| Aspiration hazard | Based on the available information, the classification criteria are not fulfilled. |
| General remarks | |

Toxicological data of complete product are not available.

SECTION 12: Ecological information

12.1 Toxicity

| |
|---|
| Product |
| Based on the available information, the classification criteria are not fulfilled.: |



12.2 Persistence and degradability

| | |
|--|---------------------------|
| Behaviour in environment compartments | No information available. |
| Behaviour in sewage plant | No information available. |
| Biological degradability | No information available. |

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

not applicable

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material c It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 070217

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Dispose full / partially emptied cartridges as hazardous waste in accordance with official regulations.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable



14.2 UN proper shipping name

| | |
|--|-------------------------------------|
| Transport by land according to ADR/RID | NO DANGEROUS GOODS |
| Inland navigation (ADN) | NO DANGEROUS GOODS |
| Marine transport in accordance with IMDG | NOT CLASSIFIED AS "DANGEROUS GOODS" |
| Air transport in accordance with IATA | NOT CLASSIFIED AS "DANGEROUS GOODS" |

14.3 Transport hazard class(es)

| | |
|--|----------------|
| Transport by land according to ADR/RID | not applicable |
| Inland navigation (ADN) | not applicable |
| Marine transport in accordance with IMDG | not applicable |
| Air transport in accordance with IATA | not applicable |

14.4 Packing group

| | |
|--|----------------|
| Transport by land according to ADR/RID | not applicable |
| Inland navigation (ADN) | not applicable |
| Marine transport in accordance with IMDG | not applicable |
| Air transport in accordance with IATA | not applicable |

14.5 Environmental hazards

| | |
|--|----|
| Transport by land according to ADR/RID | no |
| Inland navigation (ADN) | no |
| Marine transport in accordance with IMDG | no |
| Air transport in accordance with IATA | no |

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not applicable



SECTION 15: Regulatory information

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

| | |
|--|---|
| EEC-REGULATIONS | 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014 |
| TRANSPORT-REGULATIONS | ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2019) |
| NATIONAL REGULATIONS (GB): | EH40/2005 Workplace exposure limits (Second edition, published December 2011). |
| - Observe employment restrictions for people | no |
| - VOC (2010/75/CE) | 0 % |

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H317 May cause an allergic skin reaction.
 H314 Causes severe skin burns and eye damage.
 H319 Causes serious eye irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H302 Harmful if swallowed.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure



Modified position

SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.

SECTION 8 deleted: Respiratory protection mask in the event of high concentrations.

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