

SÜDWEST IsolierSpray**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms



| | | |
|--------------------------|---|---|
| Signal word | : | Danger |
| Hazard statements | : | H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H412 Harmful to aquatic life with long lasting effects. |
| Precautionary statements | : | P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. Storage: P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Disposal: P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point. |

Additional Labelling

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Components**

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration (% w/w) |
|----------------------|---|---|--------------------------|
| titanium dioxide | 13463-67-7 236-675-5 01-2119489379-17-XXXX | Carc. 2; H351, Note V, Note W, Note 10 | ≥ 10 - < 20 |
| Alkanes, C11-13-iso- | 246538-78-3 01-2119456810-40- | Asp. Tox. 1; H304 EUH066 | ≥ 5 - < 10 |

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|---|--|--|-------------|
| | XXXX | | |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | 92128-66-0 01-2119475514-35-XXXX | Flam. Liq. 2; H225 Aquatic Chronic 2; H411 STOT SE 3; H336 Asp. Tox. 1; H304 Skin Irrit. 2; H315 | ≥ 5 - < 10 |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | 64742-48-9 01-2119471843-32-XXXX | Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 3; H412 EUH066, Note P | ≥ 5 - < 10 |
| Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics | 90622-57-4 01-2119472146-39-XXXX | Flam. Liq. 3; H226 Aquatic Chronic 4; H413 Asp. Tox. 1; H304 EUH066 | ≥ 2,5 - < 5 |
| Substances with a workplace exposure limit : | | | |
| dimethyl ether | 115-10-6 204-065-8 603-019-00-8 01-2119472128-37-XXXX | Flam. Gas 1; H220 Press. GasH280 | ≥ 25 - < 50 |

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. |

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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 CO₂, 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 (CO₂)
Nitrogen oxides (NO_x)
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

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

Remove all sources of ignition.
Ensure adequate ventilation.
Do not breathe vapour.
Prevent unauthorized access.

6.2 Environmental precautions

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.

6.3 Methods and material for containment and cleaning up

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.
Do not flush with water or aqueous cleansing agents
Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

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|-------------------------|---|
| 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 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 all contaminated clothing immediately. 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. Protect from frost, heat and sunlight. Do not keep container sealed. |
| 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****Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---------------------------------|----------|-------------------------------|--------------------------------------|------------|
| dimethyl ether | 115-10-6 | TWA | 1.000 ppm 1.920 mg/m ³ | 2000/39/EC |
| Further information: Indicative | | | | |

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

|| Monitoring procedures for the assessment of workplace exposure: standard EN 482

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8.2 Exposure controls

Engineering measures

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.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : butyl-rubber

Break through time : 60 min

Glove thickness : 0,7 mm

Remarks : e.g. KCL 898 "Butoject®" - butyl rubber protective glove - (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de) or equal.

Dispose of wetted gloves at the end of the shift!

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 Regulation (EU) 2016/425 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.

Skin and 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.

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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | |
|--|---|---|
| Physical state | : | aerosol |
| Colour | : | various |
| Odour | : | characteristic |
| Odour Threshold | : | not determined |
| Melting point/freezing point | : | not determined |
| Initial boiling point and boiling range | : | Not applicable |
| Flammability | : | Extremely flammable aerosol. |
| Upper explosion limit / Upper flammability limit | : | 18,6 %(V) Medium: Upper explosion limit The value stated refers to a component. |
| Lower explosion limit / Lower flammability limit | : | 3,0 %(V) Medium: Lower explosion limit The value stated refers to a component. |

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Flash point : Not applicable, as aerosol.

Auto-ignition temperature : 235 °C
The value stated refers to a component.

Decomposition temperature : No data available

pH : substance/mixture is non-polar/aprotic

Viscosity
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Flow time : No data available

Solubility(ies)
Water solubility : immiscible

Partition coefficient: n-
octanol/water : not determined

Vapour pressure : 3.400 hPa (20 °C)
The value stated refers to a component.

Density : ca. 0,9625 g/cm³ (20 °C)

Relative vapour density : No data available

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9.2 Other information

Explosives : In use may form flammable/explosive vapour-air mixture.

Oxidizing properties : Not applicable

Self-ignition : not auto-flammable

Evaporation rate : Not applicable

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 : No dangerous reaction known under conditions of normal use.
danger of bursting and explosion by pressure increase

10.5 Incompatible materials

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

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

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11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

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

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

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

Skin corrosion/irritation

Product:

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

Components:

Alkanes, C11-13-iso-:

Repeated exposure may cause skin dryness or cracking.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

Causes skin irritation.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Repeated exposure may cause skin dryness or cracking.

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics:

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Product:

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

Respiratory or skin sensitisation

Product:

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

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.

Components:

titanium dioxide:

Suspected of causing cancer.

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:

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

Components:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

Assessment May cause drowsiness or dizziness.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Assessment May cause drowsiness or dizziness.

SÜDWEST IsolierSpray**STOT - repeated exposure****Product:**

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

Aspiration toxicity**Product:**

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

Components:**Alkanes, C11-13-iso-:**

May be fatal if swallowed and enters airways.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:

May be fatal if swallowed and enters airways.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics:

May be fatal if swallowed and enters airways.

Toxicology, Metabolism, Distribution**Further information****Product:**

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).

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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:****Remarks**

: 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).

SECTION 12: ECOLOGICAL INFORMATION

SÜDWEST IsolierSpray**12.1 Toxicity****Product:**

Toxicity to fish No data available

12.2 Persistence and degradability**Product:**

Biodegradability No data available

Components:**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane:**

Biodegradability rapidly degradable

12.3 Bioaccumulative potential**Product:**

Bioaccumulation No data available

Components:**Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:**

Partition coefficient: n-octanol/water log Pow: 4

dimethyl ether:

Partition coefficient: n-octanol/water log Pow: 0,1

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 Endocrine disrupting properties**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 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

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unused product.
Empty packaging should be recycled through disposal systems.

Waste key for the unused
product

08 01 11* waste paint and varnish containing organic solvents or other
hazardous substances

(*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION**14.1 UN number or ID number**

| | |
|-------------|------|
| ADR | 1950 |
| IMDG | 1950 |
| IATA | 1950 |

14.2 UN proper shipping name

| | |
|-------------|---------------------|
| ADR | AEROSOLS |
| IMDG | AEROSOLS |
| IATA | Aerosols, flammable |

14.3 Transport hazard class(es)

| | |
|-------------|-----|
| ADR | 2.1 |
| IMDG | 2.1 |
| IATA | 2.1 |

14.4 Packing group

| | |
|-------------------------|--------------|
| ADR | |
| Packing group | Not Assigned |
| Classification Code | 5F |
| Labels | 2.1 |
| Tunnel restriction code | (D) |
| IMDG | |
| Labels | 2.1 |
| EmS number | F-D, S-U |
| IATA | |
| Labels | 2.1 |

14.5 Environmental hazards

| | |
|---------------------------|------|
| ADR | |
| Environmentally hazardous | : no |
| IMDG | |
| Marine pollutant | : no |

SÜDWEST IsolierSpray**14.6 Special precautions for user**

| | |
|---------|------------------------------------|
| Remarks | This information is not available. |
|---------|------------------------------------|

14.7 Maritime transport in bulk according to IMO instruments

| | |
|---------|----------------|
| Remarks | Not applicable |
|---------|----------------|

Additional advice

| | |
|------|--|
| ADR | ADR: Up to 1 l per inner package, transport as limited quantity in accordance with ADR 3.4. |
| IMDG | IMDG: Up to 1 l per inner package, transport as limited quantity in accordance with IMDG Code 3.4. |

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|-----------------------------|--------|
| VOC Directive 2010/75/EU | 62,1 % |
|-----------------------------|--------|

| | |
|-----------------------------|--|
| VOC Directive 2004/42/EC | |
|-----------------------------|--|

does not fall under Directive 2004/42/EC

| | |
|--|----------------|
| Regulation (EU) 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.

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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

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