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

1.1 Product identifier

· Trade name: illbruck SP540

· MSDS code: T-I-SP540

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

No further relevant information available.

· Application of the substance / the mixture
  Adhesives
  Spacings sealant

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:
  Tremco CPG Germany GmbH
  Zweigniederlassung Traunreut
  Traunring 65, D - 83301 Traunreut
  Tel: +49 (0) 8669 34100, Fax: +49 (0) 8669 9784
  msds@cpg-europe.com

· Further information obtainable from:
  Tremco CPG UK Ltd
  Coupland Road, Hindley Green, Wigan, WN2 4HT
  T: +44 (0) 1942 251400, F: +44 (0) 1942251410
  www.cpg-europe.com, info.uk@cpg-europe.com

· 1.4 Emergency telephone number:
  During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008
  The product is not classified, according to the CLP regulation.

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void
  · Hazard pictograms Void
  · Signal word Void
  · Hazard statements Void

· Supplemental information:
  EUH208 Contains trimethoxyvinylsilane. May produce an allergic reaction.
  EUH210 Safety data sheet available on request.

2.3 Other hazards

· Results of PBT and vPvB assessment
  · PBT: Not applicable.
Trade name: illbruck SP540

**SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
  
  **Description:** Silane-terminated, hydrocarbon-based polymer with inorganic fillers

<table>
<thead>
<tr>
<th>CAS: 28553-12-0</th>
<th>di-&quot;isononyl&quot; phthalate substance with a Community workplace exposure limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 249-079-5</td>
<td>10-&lt;20%</td>
</tr>
<tr>
<td>Reg.nr.: 01-2119430798-28-xxxx</td>
<td></td>
</tr>
</tbody>
</table>

**SVHC**

**Additional information:**
For the wording of the listed hazard phrases refer to section 16.
While curing the following substances are formed and released by a reaction with atmospheric humidity:
Methanol (CAS 67-56-1)

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
  
  **General information:** Take affected persons out into the fresh air.
  **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  **After skin contact:**
  Remove from the skin using a cloth or paper. Then clean with water and soap.
  If skin irritation continues, consult a doctor.
  **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  **After swallowing:**
  Rinse out mouth and then drink plenty of water.
  Do not induce vomiting; call for medical help immediately.
  **Information for doctor:** No further relevant information available.

**4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
  
  **Suitable extinguishing agents:**
  Use fire extinguishing methods suitable to surrounding conditions.
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **5.2 Special hazards arising from the substance or mixture**
  No further relevant information available.

- **5.3 Advice for firefighters**
  
  **Protective equipment:** Wear self-contained respiratory protective device.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.

6.2 Environmental precautions:
No special measures required.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:
Ensure adequate ventilation.
Pick up mechanically.
Dispose of the material collected according to regulations.

6.4 Reference to other sections
By a reaction with atmospheric humidity by-products are released. See chapter 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)
No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

| CAS: 28553-12-0 di-"isononyl" phthalate |
| WEL | Long-term value: 5 mg/m³ |

Additional Occupational Exposure Limit Values for possible hazards during processing:
While curing the following substances are formed and released by a reaction with atmospheric humidity:
Methanol (CAS 67-56-1)

| CAS: 67-56-1 methanol |
| WEL | Short-term value: 333 mg/m³, 250 ppm |
| Long-term value: 266 mg/m³, 200 ppm |
| Sk |

Additional information: The lists valid during the making were used as basis.
· **8.2 Exposure controls**
  · **Personal protective equipment:**
    · **General protective and hygienic measures:**
      The usual precautionary measures are to be adhered to when handling chemicals.
      Keep away from foodstuffs, beverages and feed.
      Wash hands before breaks and at the end of work.
      Avoid contact with the eyes and skin.
      Do not eat, drink, smoke or sniff while working.
    · **Respiratory protection:**
      Not necessary if room is well-ventilated.
      Filter AX
      Use suitable respiratory protective device in case of insufficient ventilation.
      For further guidance,
      please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".
    · **Protection of hands:**
      The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
      Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
      Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
      · **Material of gloves** Not applicable.
      · **Penetration time of glove material** Not applicable.
      · **Eye protection:** Safety glasses
      · **Body protection:**

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**SECTION 9: Physical and chemical properties**

· **9.1 Information on basic physical and chemical properties**
  · **General Information**
  · **Appearance:**
    · Form: Pasty
    · Colour: According to product specification
  · **Odour:** Characteristic
  · **pH-value:**
  · **Melting point/freezing point:** Undetermined.
  · **Flash point:** >151 °C
  · **Auto-ignition temperature:** Product is not selfigniting.
  · **Explosive properties:** Product does not present an explosion hazard.
Trade name: illbruck SP540

- Density at 20 °C: 1.48 g/cm³
- Solubility in / Miscibility with water: Immiscible / difficult to mix.
- Solvent content:
  - Organic solvents: 0.0 %
  - VOC (EU) 0.2 g/l
  - VOC (EC) 0.01 %

9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity
- 10.1 Reactivity
  No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
  No dangerous reactions known.
- 10.4 Conditions to avoid
  No further relevant information available.
- 10.5 Incompatible materials
  No further relevant information available.
- 10.6 Hazardous decomposition products:
  None if stored according to specifications.
  Beginning at approx. 150 °C small amounts of formaldehyde are formed by an oxidative decomposition.

SECTION 11: Toxicological information
- 11.1 Information on toxicological effects
- Acute toxicity
  Based on available data, the classification criteria are not met.
- Primary irritant effect:
- Skin corrosion/irritation
  Based on available data, the classification criteria are not met.
- Serious eye damage/irritation
  Slight irritation possible.
- Respiratory or skin sensitisation
  Based on available data, the classification criteria are not met.
- Additional toxicological information:
  CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  Germ cell mutagenicity
  Based on available data, the classification criteria are not met.
  Carcinogenicity
  Based on available data, the classification criteria are not met.
  Reproductive 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
  Based on available data, the classification criteria are not met.
  Aspiration hazard
  Based on available data, the classification criteria are not met.

SECTION 12: Ecological information
- 12.1 Toxicity
- Aquatic toxicity:
  No further relevant information available.
Trade name: illbruck SP540

- **12.2 Persistence and degradability** No further relevant information available.
  - **Other information:** The product is not biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**
    Uncured product may not be disposed of together with household waste and may not reach sewage system. To dispose of, open product containers and let them stand in open air until the reaction is finished totally (means there is no more smell). After that, waste can be disposed of as the cured product. Cured product can be deposited together with domestic waste. Observe the specific related regulations of local authorities.

  - **European waste catalogue**
    - 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09

  - **Uncleaned packaging:**
    - **Recommendation:**
      Empty packages totally (without drops or grains, cleaned with a spatula). Under observation of the relevant local respectively national regulations re-use or recycling is preferred.

### SECTION 14: Transport information

- **14.1 UN-Number**
  - ADR, ADN, IMDG, IATA: Void
- **14.2 UN proper shipping name**
  - ADR, ADN, IMDG, IATA: Void
- **14.3 Transport hazard class(es)**
  - ADR, ADN, IMDG, IATA: Void
- **14.4 Packing group**
  - ADR, IMDG, IATA: Void
- **14.5 Environmental hazards:**
  - **Marine pollutant:** No
- **14.6 Special precautions for user**
  - Not applicable.
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
HSE EH40/2005 Workplace Exposure Limits (as amended)
"GB-CLP" The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019
"UK-REACH" The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

National regulations:

Other regulations, limitations and prohibitive regulations
No further relevant information available.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS:
Prepared and verified in accordance with "REACH" Regulation (EC) No 1907/2006, Annex II, Part A, 0.2.3.

Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative

* Data compared to the previous version altered.