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

1.1 Product identifier

· Trade name: illbruck LD410

· MSDS code: A-I-LD410

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: Acrylic sealant

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:
treco illbruck Productie B.V.
Vlietskade 1032, 4241 WC Arkel
T: +31 (0) 183568000, F: +31 (0) 183568100
msds@tremco-illbruck.com

· Further information obtainable from:
treco illbruck Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
T: +44 (0) 1942251400, F: +44 (0) 1942251410
www.tremco-illbruck.co.uk, uk.info@tremco-illbruck.com

1.4 Emergency telephone number:
During office hours tel.: +31 (0) 183568019. At all other times please contact your national poisoning centre.
During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), 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:
EUH210 Safety data sheet available on request.

Regulation (EC) No 528/2012 on biocidal products
Contains a biocidal product: biphenyl-2-ol, C(M)IT/MIT (3:1)

2.3 Other hazards

Results of PBT and vPvB assessment
PBT: Not applicable.

(Contd. on page 2)
Safety data sheet according to 1907/2006/EC, Article 31

Trade name: illbruck LD410

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with non-hazardous additions.
Dangerous components: Void
SVHC -
Additional information: For the wording of the listed hazard phrases refer to section 16.

Regulation (EU) No 528/2012 Biocidal Products Regulation
| CAS: 90-43-7 | biphenyl-2-ol | PT6 |

SECTION 4: First aid measures

4.1 Description of first aid measures
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. If symptoms persist, consult a doctor.
After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed
Sensitising effect by skin contact is possible by prolonged exposure.
Information for doctor: No further relevant information available.
Hazards 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.

5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.

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 clothing.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.
### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling
Avoid contact with the eyes and skin.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**
  - Store in cool, dry conditions in well sealed receptacles.
  - Protect from frost.

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

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters
**Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**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.
- **Respiratory protection:**
  - Not necessary if room is well-ventilated.
  - 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:**

  ![Protective gloves](GB) 

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 4)
51. Material of gloves
   PVC or PE gloves
   The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

52. Penetration time of glove material
   The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

53. Eye protection: Safety glasses

54. Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1. General Information

9.1.1 Appearance:
   Form: Pasty
   Colour: According to product specification
   Odour: Mild

9.1.2 pH-value at 20 °C: 8.5 - 9.5
9.1.3 Melting point/freezing point: Undetermined.
9.1.4 Initial boiling point and boiling range: 100 °C
9.1.5 Flash point: >93 °C
9.1.6 Explosive properties: Product does not present an explosion hazard.
9.1.7 Density at 20 °C: 1.67 g/cm³
9.1.8 Solubility in / Miscibility with water: Fully miscible.
9.1.9 Viscosity:
   Dynamic at 20 °C: 250000 - 350000 mPas
9.1.10 Solvent content:
   VOC (EU) 9.8 g/l
9.1.11 Solids content: 80 - 84 %
9.1.12 9.2 Other information
   No further relevant information available.

(Contd. on page 5)
SECTION 10: Stability and reactivity

· 10.1 Reactivity Stable
· 10.2 Chemical stability
· Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
· 10.3 Possibility of hazardous reactions Reacts with strong acids and oxidising agents.
· 10.4 Conditions to avoid No further relevant information available.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products:
  Possible in traces.
  Corrosive gases/vapours
  Poisonous gases/vapours

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 Slight irritation possible.
  · Serious eye damage/irritation Slight irritation possible.
· Respiratory or skin sensitisation Sensitising effect by skin contact is possible by prolonged exposure.
· CMR effects (carcinogenity, 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.
· 12.2 Persistence and degradability Not easily biodegradable
· 12.3 Bioaccumulative potential Does not accumulate in organisms
· 12.4 Mobility in soil No further relevant information available.
· Additional ecological information:
  · General notes: Not hazardous for water.
· 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 Disposal must be made according to official regulations.

· European waste catalogue

| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |

· Uncleaned packaging:
· Recommendation: Dispose of packaging according to regulations on the disposal of packagings. Packagings that may not be cleansed are to be disposed of in the same manner as the product. Non contaminated packagings may be recycled.

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 Class Void

· 14.4 Packing group
· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:
· Marine pollutant: No

· 14.6 Special precautions for user Not applicable.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

· UN "Model Regulation": Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Trade name: illbruck LD410

(Contd. of page 6)

Regulation (EU) 2016/131 of 1 February 2016 approving C(M)IT/MIT (3:1) as an existing active substance for use in biocidal products for product-types 2, 4, 6, 11, 12 and 13.
Regulation (EU) 2016/105 of 27 January 2016 approving biphenyl-2-ol as an existing active substance for use in biocidal products for product-types 1, 2, 4, 6 and 13
HSE EH40/2005 Workplace Exposure Limits (as amended)
2001/118/EC as regards the list of wastes
2008/98/EC on waste
· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 52a

· National regulations:

· Other regulations, limitations and prohibitive regulations
· Substances of very high concern (SVHC) according to REACH, Article 57 Not applicable.
· 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 européen sur le transport 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.