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

1.1 Product identifier

Trade name: illbruck AT140

MSDS code: T-I-AT140

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

Priming

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
tremco illbruck Ltd
Coupland Road, Hindley Green, WIGAN, WN2 4HT
Tel: +44 (0) 1942251400, Fax: +44 (0) 1942251410
msds@tremco-illbruck.com

Further information obtainable from:
tremco 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.: +44 (0) 1942251400. At all other times please contact your national poisoning centre.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02 GHS07

Signal word Danger

Contains:
ethyl acetate
propan-2-ol

Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
## Precautionary statements

- **P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **P233** Keep container tightly closed.
- **P261** Avoid breathing vapours.
- **P303+P361+P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- **P312** Call a POISON CENTER/doctor if you feel unwell.
- **P370+P378** In case of fire: Use for extinction: Alcohol resistant foam.
- **P370+P378** In case of fire: Use for extinction: Dry sand.

## Supplemental information:

- **EUH066** Repeated exposure may cause skin dryness or cracking.
- **EUH208** Contains dibutyltin dilaurate. May produce an allergic reaction.

## 2.3 Other hazards

- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Description:** Mixture of substances listed below with non-hazardous additions.

### Dangerous components:

<table>
<thead>
<tr>
<th>CAS:</th>
<th>EINECS:</th>
<th>Description</th>
<th>% by mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>141-78-6</td>
<td>205-500-4</td>
<td>ethyl acetate</td>
<td>50-&lt;75%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119475103-46-xxxx</td>
<td>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>xylene</td>
<td>5-&lt;10%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119488216-32-xxxx</td>
<td>Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335</td>
<td></td>
</tr>
<tr>
<td>67-63-0</td>
<td>200-661-7</td>
<td>propan-2-ol</td>
<td>5-&lt;10%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119457558-25-xxxx</td>
<td>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</td>
<td></td>
</tr>
<tr>
<td>100-41-4</td>
<td>202-849-4</td>
<td>ethylbenzene</td>
<td>1-&lt;5%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119489370-35-xxxx</td>
<td>Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332</td>
<td></td>
</tr>
<tr>
<td>67-56-1</td>
<td>200-659-6</td>
<td>methanol</td>
<td>0.1-&lt;1%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119433307-44-xxxx</td>
<td>Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370</td>
<td></td>
</tr>
<tr>
<td>77-58-7</td>
<td>201-039-8</td>
<td>dibutyltin dilaurate</td>
<td>0.1-&lt;1%</td>
</tr>
<tr>
<td></td>
<td>Reg.nr.: 01-2119496068-27-xxxx</td>
<td>Mut. 2, H341; Rep. 1B, H360FD; STOT SE 1, H370; STOT RE 1, H372; Skin Corr. 1C, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317</td>
<td></td>
</tr>
</tbody>
</table>

### Additional information:

For the wording of the listed hazard phrases refer to section 16.
SECTION 4: First aid measures

4.1 Description of first aid measures

General information:
Take affected persons out of danger area and lay down.
In case of accident or if you feel unwell, seek medical advice (show this safety data sheet if possible).
Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:
Immediately wash with water and soap and rinse thoroughly.
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:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to eyes and skin.
Vapours may cause drowsiness and dizziness.
Harmful if inhaled.
May cause an allergic skin reaction.
Repeated exposure may cause skin dryness or cracking.
May damage fertility or the unborn child.

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:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

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.
Wear fully protective suit.

Additional information
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.
Ensure adequate ventilation.
Trade name: illbruck AT140

Wear protective equipment. Keep unprotected persons away.
Avoid contact with the eyes and skin.

6.2 Environmental precautions:
Prevent from spreading (e.g. by damming-in or oil barriers).
Avoid transfer into the environment.
Keep contaminated washing water and dispose of appropriately.
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
The usual precautionary measures are to be adhered to when handling chemicals.
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with the eyes and skin.
Do not breathe vapour.
Do not eat, drink, smoke or sniff while working.

Information about fire - and explosion protection:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Fumes can combine with air to form an explosive mixture.
Protect against electrostatic charges.
Use explosion-proof apparatus / fittings and spark-proof tools.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility: Protect from heat and direct sunlight.

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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Short-term value</th>
<th>Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>141-78-6 ethyl acetate</td>
<td>1500 mg/m³, 400 ppm</td>
<td>200 ppm</td>
</tr>
</tbody>
</table>
Trade name: illbruck AT140

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>WEL Short-term value</th>
<th>Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7 xylene</td>
<td>441 mg/m³, 100 ppm</td>
<td>220 mg/m³, 50 ppm</td>
</tr>
<tr>
<td>Sk; BMGV Long-term value</td>
<td>220 mg/m³, 50 ppm</td>
<td></td>
</tr>
<tr>
<td>67-63-0 propan-2-ol</td>
<td>1250 mg/m³, 500 ppm</td>
<td>999 mg/m³, 400 ppm</td>
</tr>
<tr>
<td>Sk Long-term value</td>
<td>999 mg/m³, 400 ppm</td>
<td></td>
</tr>
<tr>
<td>100-41-4 ethylbenzene</td>
<td>552 mg/m³, 125 ppm</td>
<td>441 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>Sk Long-term value</td>
<td>441 mg/m³, 100 ppm</td>
<td></td>
</tr>
<tr>
<td>67-56-1 methanol</td>
<td>333 mg/m³, 250 ppm</td>
<td>266 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>Sk Long-term value</td>
<td>266 mg/m³, 200 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Ingredients with biological limit values:

1330-20-7 xylene

BMGV: 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

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.
Use skin protection cream for skin protection.
Immediately remove all soiled and contaminated clothing.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
Do not breathe vapour.

Respiratory protection:
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
Filter A

Protection of hands:

Protective gloves

Material of gloves
Solvent resistant gloves
Impervious gloves
Butyl rubber, BR
Nitrile rubber, NBR
Fluorocarbon rubber (Viton)  
Recommended thickness of the material: ≥ 0.5 mm  
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.  

- **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.

- **Eye protection:**
  
  Tightly sealed goggles  
  EN 166  

- **Body protection:**  
  Protective work clothing

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
  
  **General Information**
  
  **Appearance:**
  
  - **Form:** Liquid
  - **Colour:** Colourless
  - **Odour:** Weak, characteristic
  - **Odour threshold:** Not determined.
  
  **pH-value:** Not determined.
  
  **Melting point/freezing point:** Undetermined.
  
  **Initial boiling point and boiling range:** Not applicable.
  
  **Flash point:** -4 °C
  
  **Flammability (solid, gas):** Not applicable.
  
  **Ignition temperature:** 425 °C
  
  **Decomposition temperature:** Not determined.
  
  **Auto-ignition temperature:** Product is not selfigniting.
  
  **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

  **Explosion limits:**
  
  - **Lower:** 1 Vol %
  - **Upper:** 7 Vol %
Trade name: illbruck AT140

| · Vapour pressure at 20 °C: | 99.99 hPa |
| · Density at 20 °C: | 0.98 g/cm³ |
| · Solubility in / Miscibility with water: | Not miscible / difficult to mix. |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Solvent content: |  
  VOC (EU) | 630.6 g/l  
  VOC (EC) | 64.35 %  
· 9.2 Other information | No further relevant information available. |

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 Forms explosive gas mixture with air.
· 10.4 Conditions to avoid
  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products: None if stored according to specifications.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
· Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

  | 141-78-6 ethyl acetate |  
  Oral LD50 | >5,000 mg/kg (rat)  
  Dermal LD50 | >5,000 mg/kg (rabbit)  
  | 1330-20-7 xylene |  
  Dermal ATE | 1,100 mg/kg (unknown)  
  | 67-63-0 propan-2-ol |  
  Oral LD50 | 5,045 mg/kg (rat)  
  Dermal LD50 | 12,800 mg/kg (rabbit)  
  Inhalative LC50/4 h | 30 mg/L (rat)  
  | 100-41-4 ethylbenzene |  
  Oral LD50 | 3,500 mg/kg (rat)  
  Dermal LD50 | 17,800 mg/kg (rabbit)  
  | 67-56-1 methanol |  
  Oral ATE | 100 mg/kg (unknown)  
  Dermal ATE | 300 mg/kg (unknown)  

(Contd. on page 8)
Trade name: illbruck AT140

### 46.0.26 77-58-7 dibutyltin dilaurate

<table>
<thead>
<tr>
<th>Oral</th>
<th>LD50</th>
<th>2,071 mg/kg (rat)</th>
</tr>
</thead>
</table>

- **Primary irritant effect:**
  - **Skin corrosion/irritation**
    - Causes mild skin irritation.
    - Strong degreasing effect.
  - **Serious eye damage/irritation**
    - Causes serious eye irritation.
  - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

- **Additional toxicological information:**
  - May be harmful if inhaled.
  - Repeated exposure may cause skin dryness or cracking.

- **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**
    - May cause drowsiness or dizziness.
  - **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.

### 12.1 Toxicity

- **Aquatic toxicity:**

  - 67-63-0 propan-2-ol
    - LC50/96 h  9,640 mg/L (pimephales promelas)
    - LC50/48 h  >100 mg/L (leuciscus idus)
    - EC50/48 h  13,299 mg/L (daphnia magna)
    - EC50/72 h  >1,000 mg/L (desmodesmus subspicatus)

  - 77-58-7 dibutyltin dilaurate
    - LC50/96 h  3.1 mg/L (fish)
    - EC50/48 h  1 mg/L (daphnia magna)
    - EC50/72 h  1-10 mg/L (selenstrum capricornutum)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

- **Additional ecological information:**
  - **General notes:**
    - Do not allow product to reach ground water, water course or sewage system.
    - Danger to drinking water if even small quantities leak into the ground.

- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste. Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 04 99</td>
<td>wastes not otherwise specified</td>
</tr>
<tr>
<td>HP 3</td>
<td>Flammable</td>
</tr>
<tr>
<td>HP 4</td>
<td>Irritant - skin irritation and eye damage</td>
</tr>
<tr>
<td>HP 5</td>
<td>Specific Target Organ Toxicity (STOT)/Aspiration Toxicity</td>
</tr>
</tbody>
</table>

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, IMDG, IATA UN1866

14.2 UN proper shipping name
ADR 1866 RESIN SOLUTION
IMDG, IATA RESIN SOLUTION

14.3 Transport hazard class(es)

ADR

Class 3 (F1) Flammable liquids.
Label 3

IMDG, IATA

Class 3 Flammable liquids.
Label 3

14.4 Packing group
ADR, IMDG, IATA II
· 14.5 Environmental hazards:
  · Marine pollutant: No
· 14.6 Special precautions for user
  · Warning: Flammable liquids.
  · Danger code (Kemler): 33
  · EMS Number: F-E,S-E
  · Stowage Category: B
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
  · Not applicable.
· Transport/Additional information:
  · ADR
  · Limited quantities (LQ): 5L
  · Excepted quantities (EQ): Code: E2
  · Maximum net quantity per inner packaging: 30 ml
  · Maximum net quantity per outer packaging: 500 ml
  · Transport category: 2
  · Tunnel restriction code: D/E
· IMDG
  · Limited quantities (LQ): 5L
  · Excepted quantities (EQ): Code: E2
  · Maximum net quantity per inner packaging: 30 ml
  · Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation": UN 1866 RESIN SOLUTION, 3, II

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)
  2001/118/EC as regards the list of wastes
  2008/98/EC on waste
  · Directive 2012/18/EU
  · Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
  · Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
  · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 20
· 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.

- Relevant phrases
  H225 Highly flammable liquid and vapour.
  H226 Flammable liquid and vapour.
  H301 Toxic if swallowed.
  H304 May be fatal if swallowed and enters airways.
  H311 Toxic in contact with skin.
  H312 Harmful in contact with skin.
  H314 Causes severe skin burns and eye damage.
  H315 Causes skin irritation.
  H317 May cause an allergic skin reaction.
  H319 Causes serious eye irritation.
  H331 Toxic if inhaled.
  H332 Harmful if inhaled.
  H335 May cause respiratory irritation.
  H336 May cause drowsiness or dizziness.
  H341 Suspected of causing genetic defects.
  H360FD May damage fertility. May damage the unborn child.
  H370 Causes damage to organs.
  H372 Causes damage to organs through prolonged or repeated exposure.
  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.

- 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)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
  Flam. Liq. 2: Flammable liquids – Category 2
  Flam. Liq. 3: Flammable liquids – Category 3
  Acute Tox. 3: Acute toxicity – Category 3
  Acute Tox. 4: Acute toxicity – Category 4
  Skin Corr. 1C: Skin corrosion/irritation – Category 1C
  Skin Irrit. 2: Skin corrosion/irritation – Category 2
  Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  Skin Sens. 1: Skin sensitisation – Category 1
  Muta. 2: Germ cell mutagenicity – Category 2
  Repr. 1B: Reproductive toxicity – Category 1B
  STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
  STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
  STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
  Asp. Tox. 1: Aspiration hazard – Category 1
  Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1