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

· 1.1 Product identifier
  · Trade name: illbruck TN220
  · MSDS code: B-I-TN220

· 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 Sealing

· 1.3 Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    tremco illbruck Produktion GmbH
    Werner-Haepp-Straße 1, D - 92439 Bodenwöhr
    T: +49 (0) 9434 2080, F: +49 (0) 9434 208230
    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
    Not applicable.
    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

· 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: Article of substances listed below with non-hazardous additions.
  · Dangerous components: Void

(Contd. on page 2)
Additional information:
This product is an "article" as defined under the REACH Regulation (EC) 1907/2006 Title I, Chapter 2, Article 3.
Out of scope for safety data sheet requirements under the REACH Regulation (EC) 1907/2006 Title IV, Article 31.
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: No special measures required.
After inhalation: Not applicable.
After skin contact: Not applicable.
After eye contact: Not applicable.
After swallowing: Not applicable.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
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
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 Not required.
6.2 Environmental precautions: No special measures required.
6.3 Methods and material for containment and cleaning up: Pick up mechanically.
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 No special measures required.
Information about fire - and explosion protection: No special measures required.
SECTION 8: Exposure controls/personal protection

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

- 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 required.
  - Protection of hands: Not required.
  - Material of gloves: Not applicable.
  - Penetration time of glove material: Not applicable.
  - Eye protection: Not required.
  - Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Solid
  - Colour: According to product specification
  - Odour: Characteristic
  - Odour threshold: Not determined.

- pH-value: Not applicable.
- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: Undetermined.
- Flash point: Not applicable.
- Flammability (solid, gaseous): Not determined.
- Ignition temperature:
  - Decomposition temperature: Not determined.
  - Self-igniting: Product is not selfigniting.

(Contd. on page 4)
Trade name: illbruck TN220

· Danger of explosion: Product does not present an explosion hazard.
  · Explosion limits:
    Lower: Not determined.
    Upper: Not determined.
  · Vapour pressure: Not applicable.
  · Density: Not determined.
  · Relative density: Not determined.
  · Vapour density: Not applicable.
  · Evaporation rate: Not applicable.
  · Solubility in / Miscibility with water: Insoluble.
  · Partition coefficient (n-octanol/water): Not determined.
  · Viscosity:
    Dynamic: Not applicable.
    Kinematic: Not applicable.
  · 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: 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: No dangerous decomposition products known.

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: Based on available data, the classification criteria are not met.
· Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
· 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.

(Contd. on page 5)
SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** Heavily biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

**Additional ecological information:**
- **General notes:** Generally 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.
- **Waste disposal key:** UK (WM3) : n/a

**Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

<table>
<thead>
<tr>
<th><strong>14.1 UN-Number</strong></th>
<th>Void</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADR, ADN, IMDG, IATA</strong></td>
<td>Void</td>
</tr>
</tbody>
</table>

| **14.2 UN proper shipping name** | Void |
| **ADR, ADN, IMDG, IATA** | Void |

| **14.3 Transport hazard class(es)** | Void |
| **ADR, ADN, IMDG, IATA** | Void |

| **14.4 Packing group** | Void |
| **ADR, IMDG, IATA** | Void |

| **14.5 Environmental hazards:** | Void |
| **Marine pollutant:** | No |

| **14.6 Special precautions for user** | Void |
| **Not applicable.** | Void |

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

| **UN "Model Regulation":** | Void |
SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  "CHIP" SI 2009 No.716.
  COMMISSION REGULATION (EU) 2015/830 of 28 May 2015

- National regulations:
  - Additional classification according to Decree on Hazardous Materials, Annex II:
    No further relevant information available.

- Information about limitation of use: No further relevant information available.

- 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.

- 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)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  * Data compared to the previous version altered.