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

1.1. Product identifier
TECHNOMELT PRIMER 183/1 10KG

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Wood adhesive / additional products

1.3. Details of the supplier of the safety data sheet
Henkel AG & Co. KGaA
Henkelstr. 67
40589 Düsseldorf
Germany
Phone: +49 211 797 0
Fax-no.: +49 211 798 2009
ua-productsafety.de@henkel.com

1.4. Emergency telephone number
The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (CLP):
The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008. (CLP).

2.2. Label elements
Label elements (CLP):
The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008. (CLP).

Supplemental information
EUH210 Safety data sheet available on request.
Contains Isothiazolinone mixture 3:1 (CIT/MIT). May produce an allergic reaction.

2.3. Other hazards
None if used properly.
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
SECTION 3: Composition/information on ingredients

3.2. Mixtures

General chemical description:
Plastic dispersion, water-based

Base substances of preparation:
Acrylate copolymer dispersion

Declaration of the ingredients according to CLP (EC) No 1272/2008:

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>EC Number</th>
<th>content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT)</td>
<td>55965-84-9</td>
<td>0,0001-&lt; 0,0015 % (1 ppm-&lt; 15 ppm)</td>
<td>Acute Tox. 2 H330 Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1B H314 Skin Sens. 1A H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 M factor (Acute Aquat Tox): 100 M factor (Chron Aquat Tox): 10</td>
</tr>
</tbody>
</table>

For full text of the H - statements and other abbreviations see section 16 "Other information". Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Move to fresh air, consult doctor if complaint persists.

Skin contact:
Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed
An allergic reaction cannot be excluded after repeated skin contact.

4.3. Indication of any immediate medical attention and special treatment needed
See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
All common extinguishing agents are suitable.
Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture
In case of fire toxic gases can be released.

5.3. Advice for firefighters
Wear protective equipment.
Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective equipment.
Danger of slipping on spilled product.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Hygiene measures:
   Do not eat, drink or smoke while working.
   Wash hands before work breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities
Ensure good ventilation/extraction.
Store in a cool, frost-free place.
Close the container carefully after use and store it at a good ventilated place.

7.3. Specific end use(s)
Wood adhesive / additional products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
   Germany

None

Biological Exposure Indices:
   None

8.2. Exposure controls:
Engineering controls:
Ensure good ventilation/extraction.
Respiratory protection:
In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN 14387).
This recommendation should be matched to local conditions.

Hand protection:
Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >= 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >= 1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Protective goggles
Protective eye equipment should conform to EN166.

Skin protection:
Wear protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:
Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation No. 819 of 19 August 1994 (Norway).
The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

### SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>dispersion</td>
</tr>
<tr>
<td></td>
<td>liquid</td>
</tr>
<tr>
<td></td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>typical</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>pH (20 °C (68 °F))</td>
<td>8 - 9.2</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Solidification temperature</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>100 °C (212 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>No flash point up to 100°C. Aqueous preparation.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Density</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Solubility (qualitative)</td>
<td>Miscible</td>
</tr>
<tr>
<td>(20 °C (68 °F); Solvent: Water)</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>15 - 20 mPa.s</td>
</tr>
<tr>
<td>(Brookfield; Instrument: RVT; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 1)</td>
<td></td>
</tr>
<tr>
<td>Viscosity (kinematic)</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available / Not applicable</td>
</tr>
</tbody>
</table>
9.2. Other information

Flow cup viscosity 21 - 25 s
(20 °C (68 °F); Type of cup: Ford-Cup; Nozzle: 3 mm ;; Dorus-method 548; viscosity Ford-cup)

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
None if used for intended purpose.

10.5. Incompatible materials
None if used properly.

10.6. Hazardous decomposition products
No decomposition if used according to specifications.

SECTION 11: Toxicological information

General toxicological information:
An allergic reaction cannot be excluded after repeated skin contact.

11.1. Information on toxicological effects

Acute oral toxicity:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances CAS-No.</th>
<th>Value type</th>
<th>Value</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>LD50</td>
<td>53 mg/kg</td>
<td>rat</td>
<td>not specified</td>
</tr>
</tbody>
</table>

Acute dermal toxicity:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances CAS-No.</th>
<th>Value type</th>
<th>Value</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>LD50</td>
<td>87.12 mg/kg</td>
<td>rabbit</td>
<td>OECD Guideline 402 (Acute Dermal Toxicity)</td>
</tr>
</tbody>
</table>
Acute inhalative toxicity:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Test atmosphere</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>LC50</td>
<td>0.171 mg/l</td>
<td>dust/mist</td>
<td>4 h</td>
<td>rat</td>
<td>OECD Guideline 403 (Acute Inhalation Toxicity)</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>corrosive</td>
<td>not specified</td>
<td>not specified</td>
<td>not specified</td>
</tr>
</tbody>
</table>

Serious eye damage/irritation:
No data available.

Respiratory or skin sensitization:
The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result</th>
<th>Test type</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>Sensitizing</td>
<td>guinea pig</td>
<td>not specified</td>
<td>not specified</td>
</tr>
</tbody>
</table>

Germ cell mutagenicity:
No data available.

Carcinogenicity
No data available.

Reproductive toxicity:
No data available.

STOT-single exposure:
No data available.

STOT-repeated exposure:
No data available.

Aspiration hazard:
No data available.
SECTION 12: Ecological information

General ecological information:
Do not empty into drains, soil or bodies of water.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>LC50</td>
<td>0.22 mg/l</td>
<td>96 h</td>
<td>Oncorhynchus mykiss</td>
<td>OECD Guideline 203 (Fish, Acute Toxicity Test)</td>
</tr>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>NOEC</td>
<td>0.098 mg/l</td>
<td>28 d</td>
<td>Oncorhynchus mykiss</td>
<td>OECD Guideline 210 (Fish early life stage toxicity test)</td>
</tr>
</tbody>
</table>

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>EC50</td>
<td>0.12 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td>OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)</td>
</tr>
</tbody>
</table>

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>NOEC</td>
<td>0.0036 mg/l</td>
<td>21 d</td>
<td>Daphnia magna</td>
<td>OECD 211 (Daphnia magna, Reproduction Test)</td>
</tr>
</tbody>
</table>

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>EC50</td>
<td>0.0052 mg/l</td>
<td>48 h</td>
<td>Skeletonema costatum</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>NOEC</td>
<td>0.00064 mg/l</td>
<td>48 h</td>
<td>Skeletonema costatum</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
</tbody>
</table>

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>EC20</td>
<td>0.97 mg/l</td>
<td>3 h</td>
<td>activated sludge</td>
<td>OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Hazardous substances CAS-No.</th>
<th>Bioconcentration factor (BCF)</th>
<th>Exposure time</th>
<th>Temperature</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>3,6</td>
<td>calculation</td>
<td>QSAR (Quantitative Structure Activity Relationship)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Hazardous substances CAS-No.</th>
<th>LogPow</th>
<th>Temperature</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isothiazolinone mixture 3:1 (CIT/MIT) 55965-84-9</td>
<td>-0.71 - 0.75</td>
<td>20 °C</td>
<td>OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)</td>
</tr>
</tbody>
</table>

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
In consultation with the responsible local authority, must be subjected to special treatment.

Waste code
The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.
08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09.
SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC content 0 %
(VOCV 814.018 VOC regulation CH)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

National regulations/information (Germany):

WGK: 1, slightly water-endangering product. (German VwVwS of July 27, 2005)
Classification in conformity with the calculation method

WGK: WGK = 1, slightly water endangering mixture. Classification according to the mixture rules in German AwSV regulation annex 1, number 5.2 from 18. April 2017.

Storage class according to TRGS 510: 10
SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H301 Toxic if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

Further information:
This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.