## 1 Identification

- **Product identifier**
- **Trade name:** MC-TRUEGRIP 100
- **Article number:** W371.XXXX
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Wasser Corporation
    4118 B PL NW, Suite B
    Auburn, WA 98001, US
    Phone 253-850-2967
- **Information department:** Product safety department
- **Emergency telephone number:**
  - EMERGENCY PHONE NUMBERS:
    USA and Canada: 1-800 424-9300
    International: 1-703 527-3887

## 2 Hazard(s) identification

- **Classification of the substance or mixture**

  - **Flame**
    - Flam. Liq. 2  **H225** Highly flammable liquid and vapor.

  - **Health hazard**
    - Resp. Sens. 1  **H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled.
    - Muta. 1B  **H340** May cause genetic defects.
    - Carc. 1B  **H350** May cause cancer.

  - **Skin Sens. 1  **H317** May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**
  The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**
  - GHS02
  - GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - Talc (Mg3H2(SiO3)4)
  - Hexane, 1,6-diisocyanato-, homopolymer
  - Solvent naphtha (petroleum), light arom.
  - isophorone di-isocyanate

- **Hazard statements**
  - **H225** Highly flammable liquid and vapor.
  - **H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - **H317** May cause an allergic skin reaction.

(Contd. on page 2)
Trade name: MC-TRUEGRIP 100

H340 May cause genetic defects.
H350 May cause cancer.

- Precautionary statements
  Keep out of reach from children.
  P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  P241 Use explosion-proof electrical/ventilating/lighting/equipment.
  P284 [In case of inadequate ventilation] wear respiratory protection.
  P261 Avoid breathing dust/fume/gas/mist/vapors/spray
  P280 Wear protective gloves / eye protection / face protection.
  P233 Keep container tightly closed.
  P242 Use only non-sparking tools.
  P243 Take precautionary measures against static discharge.
  P272 Contaminated work clothing must not be allowed out of the workplace.
  P201 Obtain special instructions before use.
  P202 Do not handle until all safety precautions have been read and understood.
  P303+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  P321 Specific treatment (see on this label).
  P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
  P363 Wash contaminated clothing before reuse.
  P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
  P308+P313 IF exposed or concerned: Get medical advice/attention.
  P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
  P405 Store locked up.
  P403+P235 Store in a well-ventilated place. Keep cool.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
  - NFPA ratings (scale 0 - 4)
    Health = 2
    Fire = 3
    Reactivity = 0
  - HMIS-ratings (scale 0 - 4)
    Health = *2
    Fire = 3
    Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:
  540-88-5 tert-butyl acetate 10-30%
  14807-96-6 Talc (Mg3H2(SiO3)4) 5-10%
  110-43-0 methyl amyl ketone 1-5%
  53880-05-0 Homopolymer of IPDI 1-5%

(Contd. on page 3)
4 First-aid measures

- Description of first aid measures
  - General information: Immediately remove any clothing soiled by the product.
  - After inhalation:
    Supply fresh air and be sure to call for a doctor.
    In case of unconsciousness place patient stably in side position for transportation.
  - After skin contact: Immediately wash with water and soap and rinse thoroughly.
  - After eye contact: Rinse opened eye for several minutes under running water.
  - After swallowing: If symptoms persist consult doctor.
  - Information for doctor:
    - Most important symptoms and effects, both acute and delayed: No further relevant information available.
    - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents: Water with full jet
  - Special hazards arising from the substance or mixture: No further relevant information available.
  - Advice for firefighters
  - Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- 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.

7 Handling and storage

- Handling:
  - Precautions for safe handling
    Ensure good ventilation/exhaustion at the workplace.
    Open and handle receptacle with care.
    Prevent formation of aerosols.
  - Information about protection against explosions and fires:
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.
Keep respiratory protective device available.

- **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: Not required.
- **Further information about storage conditions:**
  - Keep receptacle tightly sealed.
  - Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>PEL Long-term value</th>
<th>REL Long-term value</th>
<th>TLV Short-term value</th>
<th>REL Long-term value</th>
<th>TLV Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>540-88-5 tert-butyl acetate</td>
<td>950 mg/m³, 200 ppm</td>
<td>950 mg/m³, 200 ppm</td>
<td>NIC-712 mg/m³, NIC-150 ppm</td>
<td>NIC-238 mg/m³, (200) NIC-50 ppm</td>
<td></td>
</tr>
<tr>
<td>110-43-0 methyl amyl ketone</td>
<td>465 mg/m³, 100 ppm</td>
<td>465 mg/m³, 100 ppm</td>
<td>233 mg/m³, 50 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4098-71-9 isophorone di-isocyanate</td>
<td>NIC-712 mg/m³, NIC-150 ppm</td>
<td>NIC-238 mg/m³, (200) NIC-50 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>0.18 mg/m³, 0.02 ppm</td>
<td>0.045 mg/m³, 0.005 ppm</td>
<td>0.045 mg/m³, 0.005 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
- **Breathing equipment:**
  - During mixing, handling and application: Splash goggles. Full protective clothing. Gloves (impervious).
  - Wear suitable respiratory equipment. When air concentrations are not known (or above the TLV), an air-supplied respirator is required. Refer to OSHA Respiratory Protection Standard (29 CFR 1910.134). In presence of air movement, air-purifying (cartridge type) respirators are not the best protection but can be used, if you replaced them frequently. Change cartridges after 8h max or less due to their low warning properties. When in a confined space wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.
- **Protection of hands:**

![Protective gloves](image)

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**
  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 cannot 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

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**

  - **Appearance:**
    - Form: Fluid
    - Color: Various colors
  - **Odor:**
    - Aromatic
  - **Odour threshold:**
    - Not determined.
  - **pH-value:**
    - Not determined.

- **Change in condition**
  - **Melting point/Melting range:**
    - Undetermined.
  - **Boiling point/Boiling range:**
    - 97 °C (207 °F)

- **Flash point:**
  - 15 °C (59 °F)

- **Flammability (solid, gaseous):**
  - Not applicable.

- **Ignition temperature:**
  - **Decomposition temperature:**
    - Not determined.
  - **Auto igniting:**
    - Product is not selfigniting.
  - **Danger of explosion:**
    - Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**
  - **Lower:**
    - Not determined.
  - **Upper:**
    - Not determined.

- **Vapor pressure at 20 °C (68 °F):**
  - 41 hPa (31 mm Hg)

- **Density at 20 °C (68 °F):**
  - 1.57-1.81 g/cm³ (13.102-15.104 lbs/gal)

- **Relative density**
  - Not determined.

- **Vapour density**
  - Not determined.

- **Evaporation rate**
  - Not determined.

- **Solubility in / Miscibility with Water:**
  - Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):**
  - Not determined.

(Contd. on page 6)
Trade name: MC-TRUEGRIP 100

- Viscosity:
  - Dynamic: Not determined.
  - Kinematic: Not determined.

- Solvent content:
  - Solids content: 82-86 %
  - Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity: No further relevant information available.
- Chemical stability:
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

<table>
<thead>
<tr>
<th>LD/LC50 values that are relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-95-6 Solvent naphtha (petroleum), light arom.</td>
</tr>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>Dermal LD50</td>
</tr>
<tr>
<td>Inhalative LC50/4 h</td>
</tr>
<tr>
<td>64741-65-7 Naphtha (petroleum), heavy alkylate</td>
</tr>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>Dermal LD50</td>
</tr>
<tr>
<td>Inhalative LC50/4 h</td>
</tr>
</tbody>
</table>

- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization:
  Sensitization possible through inhalation.
  Sensitization possible through skin contact.
- Additional toxicological information:
  The product shows the following dangers according to internally approved calculation methods for preparations:
  Harmful
  Irritant
  The product can cause inheritable damage.

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    | 14807-96-6 Talc (Mg3H2(SiO3)4) | 2B |
    | 13463-67-7 titanium dioxide | 2B |
    | 1333-86-4 Carbon black | 2B |
    | 7631-86-9 silicon dioxide, chemically prepared | 3 |
    | 1330-20-7 xylene | 3 |
Trade name: MC-TRUEGRIP 100

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes:
    Water hazard class 3 (Self-assessment): extremely hazardous for water
    Do not allow product to reach ground water, water course or sewage system, even in small quantities.
    Danger to drinking water if even extremely small quantities leak into the ground.
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
- DOT, ADR, IMDG, IATA: UN1263
- UN proper shipping name
- DOT, IATA: Paint
- ADR: 1263 Paint
- IMDG: PAINT

- Transport hazard class(es)
- DOT
- Class: 3 Flammable liquids
**Trade name:** MC-TRUEGRIP 100

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**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):**
      - 4098-71-9 isophorone di-isocyanate
    - **Section 313 (Specific toxic chemical listings):**
      - 4098-71-9 isophorone di-isocyanate
      - 95-63-6 1,2,4-trimethylbenzene
      - 872-50-4 N-methyl-2-pyrrolidone
      - 822-06-0 hexamethylene-di-isocyanate
      - 1330-20-7 xylene
      - 100-41-4 ethylbenzene
      - 111-76-2 2-butoxyethanol

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*Printing date 10/22/2015 Reviewed on 10/21/2015*
Trade name: MC-TRUEGRIP 100

| TSCA (Toxic Substances Control Act): |
| All ingredients are listed. |

| Proposition 65 |
| - Chemicals known to cause cancer: |
| 13463-67-7 titanium dioxide |
| 1333-86-4 Carbon black |
| 100-41-4 ethylbenzene |

| - Chemicals known to cause reproductive toxicity for females: |
| None of the ingredients is listed. |

| - Chemicals known to cause reproductive toxicity for males: |
| None of the ingredients is listed. |

| - Chemicals known to cause developmental toxicity: |
| 872-50-4 N-methyl-2-pyrrolidone |

| Carcinogenic categories |
| - EPA (Environmental Protection Agency) |
| 1330-20-7 xylene | I |
| 100-41-4 ethylbenzene | D |
| 111-76-2 2-butoxyethanol | NL |

| - TLV (Threshold Limit Value established by ACGIH) |
| Talc (Mg₃H₂(SiO₃)₄) | A4 |
| titanium dioxide | A4 |
| Carbon black | A4 |

| - NIOSH-Ca (National Institute for Occupational Safety and Health) |
| 13463-67-7 titanium dioxide |
| 1333-86-4 Carbon black |

| GHS label elements |
| The product is classified and labeled according to the Globally Harmonized System (GHS). |

| Hazard pictograms |
| GHS02 |
| GHS08 |

| Signal word Danger |
| Hazard-determining components of labeling: |
| Talc (Mg₃H₂(SiO₃)₄) |
| Hexane, 1,6-diisocyanato-, homopolymer |
| Solvent naphtha (petroleum), light arom. |
| isophorone di-isocyanate |

| Hazard statements |
| H225 Highly flammable liquid and vapor. |
| H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H317 May cause an allergic skin reaction. |
| H340 May cause genetic defects. |
| H350 May cause cancer. |

| Precautionary statements |
| P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. |
| P241 Use explosion-proof electrical/ventilating/lighting/equipment. |
| P284 [In case of inadequate ventilation] wear respiratory protection. |
| P261 Avoid breathing dust/fume/gas/mist/vapors/spray |

(Contd. on page 10)
Trade name: MC-TRUEGRIP 100

(Contd. of page 9)

P280 Wear protective gloves / eye protection / face protection.
P240 Ground/bond container and receiving equipment.
P233 Keep container tightly closed.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P272 Contaminated work clothing must not be allowed out of the workplace.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321 Specific treatment (see on this label).
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P363 Wash contaminated clothing before reuse.
P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
P405 Store locked up.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:
· Additional classification according to Decree on Hazardous Materials:
  Carcinogenic hazardous material group III (dangerous).

· Information about limitation of use:
  Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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: Product safety department
· Contact: HS REG.DEPART.REG.SS
· Date of preparation / last revision 10/22/2015 /
· 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
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  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)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  VOC: Volatile Organic Compounds (USA, EU)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Flam. Liq. 2: Flammable liquids, Hazard Category 2
  Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
  Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
  Mutat. 1B: Germ cell mutagenicity, Hazard Category 1B
  Carc. 1B: Carcinogenicity, Hazard Category 1B