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

- 1.1 Product identifier
  - Trade name: AQUASTOP FLEX PARTE A
  - Article number: K0161.032

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.
  - Application of the preparation: Hydrophobing agent/ water repellent

- 1.3 Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: KERAKOLL Pty Ltd.
    88 Sutton Street, North Melbourne VIC 3051
    Tel. +61 3 9448 8588
    sales@kerakoll.com.au
  - E-mail address of the competent person responsible for the SDS: safety@kerakoll.com
  - Informing department: Product safety department
  - 1.4 Emergency telephone number:
    +61 3 9448 8588 (Kerakoll AU)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008
    - GHS05 corrosion
      Eye Dam. 1  H318  Causes serious eye damage.
    - GHS07
      Skin Irrit. 2  H315  Causes skin irritation.
      Skin Sens. 1  H317  May cause an allergic skin reaction.
      STOT SE 3  H335  May cause respiratory irritation.

- 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
    - GHS05
    - GHS07

- Signal word Danger

- Hazard-determining components of labelling:
  Portland Cement
  (Contain reducing agents: Cr VI < 0,0002%)

- Hazard statements
  H315 Causes skin irritation.
  H318 Causes serious eye damage.

(Contd. on page 2)
Trade name: AQUASTOP FLEX PARTE A

(Contd. of page 1)

- Precautionary statements

P260 Do not breathe dust.
P280 Wear protective gloves / eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- 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 consisting of the following components.
- Dangerous components:

<table>
<thead>
<tr>
<th>CAS: 65997-15-1</th>
<th>Portland Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 266-043-4</td>
<td>(Contain reducing agents: Cr VI &lt; 0,0002%)</td>
</tr>
</tbody>
</table>

Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335

- 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
- After inhalation In case of unconsciousness bring patient into stable side position for transport.
- After skin contact Instantly wash with water and soap and rinse thoroughly.
- After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.
- After swallowing In case of persistent symptoms consult doctor.

- 4.2 Most important symptoms and effects, both acute and delayed
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 fighting measures that suit the environment.
- Special hazards arising from the substance or mixture Formation of poisonous gases during heating or in fires.

- 5.3 Advice for firefighters
- Protective equipment: Put on breathing apparatus.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Avoid causing dust.
Put on breathing apparatus.
Wear protective equipment. Keep unprotected persons away.

- 6.2 Environmental precautions: Do not allow to enter drainage system, surface or ground water.

(Contd. on page 3)
Trade name: AQUASTOP FLEX PARTE A

- 6.3 Methods and material for containment and cleaning up:
  Use neutralising agent.
  Dispose of contaminated material as waste according to item 13.
  Ensure adequate ventilation.

- 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 information on disposal.

**SECTION 7: Handling and storage**

- 7.1 Precautions for safe handling
  Thorough dedusting.
  Ensure good ventilation/exhaustion at the workplace.
  Prevent formation of dust.

- Information about protection against explosions and fires: Keep breathing equipment ready.

- 7.2 Conditions for safe storage, including any incompatibilities
  Storage
  Requirements to be met by storerooms and containers: No special requirements.
  Information about storage in one common storage facility: Not required.
  Further information about storage conditions: Keep container tightly sealed.

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

* **SECTION 8: Exposure controls/personal protection**

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

- 8.1 Control parameters

- Components with limit values that require monitoring at the workplace:
  65997-15-1 Portland Cement
  (Contain reducing agents: Cr VI < 0,0002%)
  WEL Long-term value: 10* 4** mg/m³
  *inhalable dust **respirable dust

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

- 8.2 Exposure controls
  - Personal protective equipment
    General protective and hygienic measures
    Keep away from foodstuffs, beverages and food.
    Take off immediately all contaminated clothing
    Wash hands during breaks and at the end of the work.
    Avoid contact with the skin.
    Avoid contact with the eyes and skin.
  - Breathing equipment: Not necessary if room is well-ventilated.
  - Protection of hands:
    Protective gloves.
    Impervious gloves
  - Material of gloves
    Rubber gloves
    PVC or PE gloves
  - Penetration time of glove material
    The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - Eye protection: Tightly sealed safety glasses.
SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
  - General Information
    - Appearance:
      - Form: Powder
      - Colour: Grey
      - Odour: Odourless
      - Odour threshold: Not determined.
  - pH-value at 20 °C: 11
  - Change in condition
    - Melting point/freezing point: Not determined
    - Initial boiling point and boiling range: Not determined
  - Flash point: Not applicable
  - Inflammability (solid, gaseous): Not determined.
  - Ignition temperature:
    - Decomposition temperature: Not determined.
  - Self-inflammability: Product is not selfigniting.
  - Explosive properties: Product is not explosive.
  - Critical values for explosion:
    - Lower: Not determined.
    - Upper: Not determined.
  - Vapour pressure: Not applicable.
  - Density at 20 °C: 1.28 g/cm³
  - Relative density: Not determined.
  - Vapour density: Not applicable.
  - Evaporation rate: Not applicable.
  - Solubility in / Miscibility with Water: Soluble
  - Partition coefficient: n-octanol/water: Not determined.
  - Viscosity:
    - dynamic: Not applicable.
    - kinematic: Not applicable.
    - Organic solvents: 0.0 %
  - 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 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.
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: Causes skin irritation.
    - Serious eye damage/irritation: Causes serious eye damage.
  - Respiratory or skin sensitisation: May cause an allergic skin reaction.
  - 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: May cause an allergic skin reaction.
  - 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: No further relevant information available.
  - 12.3 Bioaccumulative potential: No further relevant information available.
  - 12.4 Mobility in soil: No further relevant information available.
  - General notes:
    - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
    - Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
    - Must not reach sewage water or drainage ditch undiluted or unneutralised.
  - 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: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
  - Waste disposal key number: 16 03 03 - inorganic wastes containing dangerous substances
  - Uncleaned packagings:
    - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number: The product is not dangerous according to ADR, ADN, IMDG, IATA.
Trade name: AQUASTOP FLEX PARTE A

- ADR, ADN, IMDG, IATA: Void
- 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:
  - 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
  - Directive 2012/18/EU
  - Named dangerous substances - ANNEX I None of the ingredients is listed.
  - REGULATION (EC) No 1907/2006 ANNEX XVII
    The product contains Cr(VI) below limit set out in Annex XVII, entry 47
  - National regulations
    The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.
  - Additional classification according to Decree on Hazardous Materials, Annex II:
    - Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
  - Other regulations, limitations and prohibitive regulations
    Directive 2003/53/EC. For the maintenance of the reducing agent activity, see condition and conservation time indicated on the pack.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*SECTION 16: Other information*

- Relevant phrases
  H315 Causes skin irritation.
  H317 May cause an allergic skin reaction.
  H318 Causes serious eye damage.
  H335 May cause respiratory irritation.
- Department issuing data specification sheet: SCP
- Contact: Dr. B. Brina c/o Kerakoll S.p.A. tel. +39-0536-816511 fax +39-0536-816581
- Others regulations
  The safety data sheet has been drawn up in accordance with European directives 1999/45/EC, 2001/85/EC, 2001/59/EC and 2001/60/EC.
- Abbreviations and acronyms:
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  ICAO: International Civil Aviation Organisation
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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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
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- * Data compared to the previous version altered.