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

1.1. Product identifiers

Article No. (manufacturer/supplier) 30312
Identification of the substance or mixture Kaboodle Hardwax Oil

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses
Wood treatment
Surface protection

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Australian Brushware Corporation Pty Ltd
(ABN 81 068706829) Telephone: 03 9358 0688
Address: 143-147 National Blvd Fax number: 03 9358 0600
Campbellfield
Victoria 3062 Australia

Dept. responsible for information:
Sale
E-mail (competent person) info@kaboodlegroup.com.au

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC or 1999/45/EC
This mixture is classified as not hazardous according to 1999/45/EC.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements n.a.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
contains: n.a.

Supplemental Hazard information (EU)
EUH208 Contains Cobalt bis (2-ethylhexanoate); 2-butanone oxime. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Labelling (67/548/EEC or 1999/45/EC)

Hazard statements n.a.

Precautionary statements n.a.
contains: n.a.

Special provisions concerning the labelling of certain mixtures
2.3. Other hazards

**SECTION 3: Composition / information on ingredients**

### 3.2. Mixtures

**Product description / chemical characterization**

**Description** Solvent-borne paints

**Hazardous ingredients**

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>EC No.</th>
<th>CAS No.</th>
<th>INDEX No.</th>
<th>REACH No.</th>
<th>Chemical name classification:</th>
<th>Wt %</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>918-481-9</td>
<td>64742-48-9</td>
<td>649-327-00-6</td>
<td>01-2119457273-39</td>
<td>hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, &lt; 2 % aromatics</td>
<td>50 - 70</td>
<td></td>
</tr>
<tr>
<td>202-496-6</td>
<td>96-29-7</td>
<td>616-014-00-0</td>
<td>2-butanoic oxime</td>
<td>Asp. Tox. 1 H304</td>
<td>0,5 - 1</td>
<td></td>
</tr>
<tr>
<td>258-067-9</td>
<td>52645-53-1</td>
<td>613-058-00-2</td>
<td>01-2119524678-29-XXXX</td>
<td>Carc. 2 H351 / Acute Tox. 4 H312 / Eye Dam. 1 H318 / Skin Sens. 1 H317</td>
<td>0,15 - 0,2</td>
<td></td>
</tr>
<tr>
<td>245-018-1</td>
<td>22464-99-9</td>
<td>2-ethylhexanoic acid, zirconium</td>
<td>Repr. 2 H361</td>
<td></td>
<td>0,15 - 0,2</td>
<td></td>
</tr>
</tbody>
</table>

#### Classification according to Directive 67/548/EEC or 1999/45/EC

<table>
<thead>
<tr>
<th>EC No.</th>
<th>CAS No.</th>
<th>INDEX No.</th>
<th>REACH No.</th>
<th>Chemical name classification:</th>
<th>Wt %</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>918-481-9</td>
<td>64742-48-9</td>
<td>649-327-00-6</td>
<td>01-2119457273-39</td>
<td>hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound &lt; 2 % aromatics</td>
<td>50 - 70</td>
<td></td>
</tr>
</tbody>
</table>

**Additional information**

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16.

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

#### Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm.
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Kaboodle Hardwax Oil

Article No.: 30312
Do NOT induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire-fighting measures

5.1. Extinguishing media
Suitable extinguishing media:
alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)
Extinguishing media which must not be used for safety reasons:
strong water jet

5.2. Special hazards arising from the substance or mixture
Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters
Provide a conveniently located respiratory protective device.Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

6.2. Environmental precautions
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections
Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

Due to the content of organic solvents in the preparation:

7.1. Precautions for safe handling

Advises on safe handling
Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:
Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSIVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
7.3. Specific end use(s)
Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limit values:

n.a.

DNEL:
Cobalt bis (2-ethylhexanoate)
INDEX No. 613-058-00-2 / EC No. 258-067-9 / CAS No. 52645-53-1
DNEL long-term inhalative (systemic), Workers: 0,2351 mg/m³
DNEL long-term oral (repeated), Consumer: 0,0558 mg/kg
DNEL long-term inhalative (systemic), Consumer: 0,037 mg/m³
No data available
2-ethylhexanoic acid, zirconium
EC No. 245-018-1 / CAS No. 22464-99-9
DNEL long-term dermal (systemic), Workers: 15,75 mg/kg

PNEC:
Cobalt bis (2-ethylhexanoate)
INDEX No. 613-058-00-2 / EC No. 258-067-9 / CAS No. 52645-53-1
PNEC aquatic, freshwater: 0,0005 mg/L
PNEC sediment, marine water: 9.5 mg/kg
PNEC, Soil: 7.9 mg/kg
PNEC sewage treatment plant (STP): 0,37 mg/L
2-ethylhexanoic acid, zirconium
EC No. 245-018-1CAS No. 22464-99-9
PNEC aquatic, freshwater: 0,36 mg/L
PNEC aquatic, marine water:
PNEC sediment, marine water:

8.2. Exposure controls
Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls
Respiratory protection
If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection
For prolonged or repeated handling the following glove material must be used: e.g. Nitrile (according to DIN EN 374)
Thickness of the glove material > 0.4 mm; Breakthrough time (maximum wearing time) > 480 min.
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection
Wear closely fitting protective glasses in case of splashes.

Protective clothing
Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures
After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls
Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Article No.: 30312
Printdate: 28.04.2015
Version: 3.0

Kaboodle Hardwax Oil

Date: 28.04.2015

10.3. Possibility of hazardous reactions
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products
Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity
Cobalt bis (2-ethylhexanoate)
oral, LD50, Rat:
hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics inhalative (vapours), LC50, Rat: > 20 mg/L (4 h)

2-butanone oxime
oral, LD50, Rat: 3680 mg/kg
dermal, LD50, Rat:
dermal, LD50, Rabbit: 1000 - 1800 mg/kg

Irritant and corrosive effects
Cobalt bis (2-ethylhexanoate)
Skin (4h)

Sensitisation
Cobalt bis (2-ethylhexanoate)
Skin:
2-butanone oxime
Specific target organ toxicity
Cobalt bis (2-ethylhexanoate)
Specific target organ toxicity (single exposure), Irritation:

Aspiration hazard
Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Cobalt bis (2-ethylhexanoate)
Reproductive toxicity
2-ethylhexanoic acid, zirconium
Reproductive toxicity

Practical experience/human evidence
Other observations:
Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties
The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

SECTION 12: Ecological information

Overall evaluation
There is no information available on the preparation itself.
Do not allow to enter into surface water or drains.

12.1. Toxicity
Cobalt bis (2-ethylhexanoate)
Fish toxicity, LC50: 0.1 - 1 mg/L (96 h)
Daphnia toxicity, EC50: 0.1 - 1 mg/L (48 h)
Algae toxicity, ErC50, Algae: 0.1 - 1 mg/L
hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics
Fish toxicity, LC50: > 1000 mg/L (96 h)
Daphnia toxicity, EC50: > 1000 mg/L (48 h)
Algae toxicity, ErC50: > 1000 mg/L
2-butanone oxime
Fish toxicity, LC50: > 100 mg/L (96 h)

Long-term Ecotoxicity
Cobalt bis (2-ethylhexanoate)
Fish toxicity, LC50: (96 h)
Daphnia toxicity, EC50: (48 h)
Algae toxicity, ErC50:

12.2. Persistence and degradability
Toxicological data are not available.

12.3. Bioaccumulative potential
Toxicological data are not available.

Bioconcentration factor (BCF)
Toxicological data are not available.

12.4. Mobility in soil
Toxicological data are not available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

126. Other adverse effects
The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Appropriate disposal / Product
Recommendation
Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC
080112 waste paint and varnish other than those mentioned in 080111

packaging
Recommendation
Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

No dangerous good in sense of this transport regulation.

141. UN number
n.a.

142. UN proper shipping name

143. Transport hazardclass(es)
n.a.

144. Packing group
n.a.

145. Environmental hazards
Land transport (ADR/RID)
n.a.
Marine pollutant
n.a.

146. Special precautions for user
Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advises on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)
tunnel restriction code

Sea transport (IMDG)
EmS-No.
n.a.

147. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation
Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).
VOC-value (in g/L) ISO 11890-2: 498,110
VOC-value (in g/L) ASTM D 2369: 498,110

National regulations
Restrictions of occupation
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Other regulations, restrictions and prohibition regulations

Chemical Safety Assessment
For the following substances of this preparation a chemical safety assessment has been carried out:

<table>
<thead>
<tr>
<th>EC No.</th>
<th>Chemical name</th>
<th>REACH No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>918-481-9</td>
<td>hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound &lt;</td>
<td>2 01-2119457273-39</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>% aromatics</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Relevant R-and H-phrases (Number and full text):

- **Asp. Tox. 1 / H304:** Aspiration hazard
- **Carc. 2 / H351:** Carcinogenicity
- **Acute Tox. 4 / H312:** Acute toxicity (dermal)
- **Eye Dam. 1 / H318:** Serious eye damage/eye irritation
- **Skin Sens. 1 / H317:** Respiratory or skin sensitisation
- **Eye Irrit. 2 / H319:** Serious eye damage/eye irritation
- **Repr. 2 / H361:** Reproductive toxicity

- **Aquatic Acute 1 / H400:** Hazardous to the aquatic environment
- **Aquatic Chronic 3 / H412:** Hazardous to the aquatic environment
- **Xn; R65:** Harmful
- **R66:**

Abbreviations and acronyms
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information
The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.