Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE 567

Intended use: Adhesive

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information:
24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

Section 2. Hazards identification

Classification of the substance or mixture
Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Hazard Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin sensitizer</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Hazard pictogram:

Signal word: Warning

Hazard statement(s):
H317 May cause an allergic skin reaction.

Precautionary Statement(s):

Prevention:
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response:
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Disposal:
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Classification of material Xi - Irritant
**Risk phrases:**
R43 May cause sensitisation by skin contact.

**Safety phrases:**
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

**Dangerous Goods information:**
Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Signal word:**
HAZARDOUS

---

**Section 3. Composition / information on ingredients**

**General chemical description:** Mixture

**Type of preparation:** Anaerobic Sealant

**Identity of ingredients:**

<table>
<thead>
<tr>
<th>Chemical ingredients</th>
<th>CAS-No.</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700)</td>
<td>25068-38-6</td>
<td>&lt;= 1 %</td>
</tr>
<tr>
<td>non hazardous ingredients~</td>
<td></td>
<td>60-100 %</td>
</tr>
</tbody>
</table>

---

**Section 4. First aid measures**

**Ingestion:**
Do not induce vomiting.
Have victim rinse mouth thoroughly with water.
Seek medical advice.

**Skin:**
Rinse with running water and soap.
Remove contaminated clothing and footwear.
Seek medical advice.

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

**Inhalation:**
Move to fresh air. If symptoms persist, seek medical advice.

**First Aid facilities:**
Eye wash
Normal washroom facilities

**Medical attention and special treatment:**
Treat symptomatically and supportively.

---

**Section 5. Fire fighting measures**

**Suitable extinguishing media:** Carbon dioxide, foam, powder

**Decomposition products in case of fire:**
Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.

**Special protective equipment for fire-fighters:**
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Section 6. Accidental release measures

Personal precautions:
- Avoid skin and eye contact.
- Ensure adequate ventilation.
- Wear appropriate personal protective equipment.

Environmental precautions:
- Do not let product enter drains.

Clean-up methods:
- For small spills wipe up with paper towel and place in container for disposal.
- For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Section 7. Handling and storage

Precautions for safe handling:
- Use only in well-ventilated areas.
- Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

Conditions for safe storage:
- Store in original containers at 8-21 °C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

Section 8. Exposure controls / personal protection

National exposure standards:
- None

Engineering controls:
- Ensure good ventilation/suction at the workplace.

Eye protection:
- Safety goggles or safety glasses with side shields.

Skin protection:
- Use impermeable gloves and protective clothing as necessary to prevent skin contact.
  - Neoprene gloves.
  - Butyl rubber gloves.
  - Natural rubber gloves.

Respiratory protection:
- If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>1.14</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 149 °C (&gt; 300.2 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93.3 °C (&gt; 199.94 °F)</td>
</tr>
<tr>
<td>Vapor pressure at 27 °C</td>
<td>&lt; 27 mbar</td>
</tr>
<tr>
<td>Density</td>
<td>1.14 g/cm³</td>
</tr>
<tr>
<td>VOC content</td>
<td>0.13 % 1.38 g/l</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

Stability:
- Stable under recommended storage conditions.

Conditions to avoid:
- Excessive heat.
Incompatible materials: Reacts with strong oxidants.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.

Section 11. Toxicological information

Health Effects:
Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Skin: May cause skin irritation.
Symptoms may include redness, edema, drying, defatting and cracking of the skin.
May cause skin sensitization.
Eyes: May cause mild irritation
Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Inhalation: Inhalation of mists/vapors of this product may cause dizziness, nausea, and respiratory tract congestion.

Acute toxicity:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Value type</th>
<th>Value</th>
<th>Route of application</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>LD50</td>
<td>&gt; 2,000 mg/kg</td>
<td>oral</td>
<td>rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>23,000 mg/kg</td>
<td>dermal</td>
<td>rabbit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Result</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>slightly irritating</td>
<td>4 h</td>
<td>rabbit</td>
<td>OECD Guideline 404 (Acute Dermal Irritation / Corrosion)</td>
</tr>
</tbody>
</table>

Serious eye damage/irritation:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Result</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>not irritating</td>
<td></td>
<td>rabbit</td>
<td>OECD Guideline 405 (Acute Eye Irritation / Corrosion)</td>
</tr>
</tbody>
</table>

Respiratory or skin sensitization:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Result</th>
<th>Test type</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>sensitising</td>
<td>Mouse local lymphnode assay (LLNA)</td>
<td>mouse</td>
<td>OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)</td>
</tr>
</tbody>
</table>
Germ cell mutagenicity:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Result</th>
<th>Type of study / Route of administration</th>
<th>Metabolic activation / Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>negative</td>
<td>bacterial reverse mutation assay (e.g. Ames test)</td>
<td></td>
<td></td>
<td>OECD Guideline 472 (Genetic Toxicology: Escherichia coli, Reverse Mutation Assay)</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

General ecological information: Cured Loctite products are typical polymers and do not pose any immediate environmental hazards. Do not empty into drains / surface water / ground water.

Toxicity:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Value type</th>
<th>Value</th>
<th>Acute Toxicity Study</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>LC50</td>
<td>1.750000 mg/l</td>
<td>Fish</td>
<td>96 h</td>
<td>Oncorhynchus mykiss (reported as Salmo gairdneri)</td>
<td>OECD Guideline 203 (Fish, Acute Toxicity Test)</td>
</tr>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>LC50</td>
<td>1.75 mg/l</td>
<td>Fish</td>
<td>96 h</td>
<td>Oncorhynchus mykiss (reported as Salmo gairdneri)</td>
<td>OECD Guideline 203 (Fish, Acute Toxicity Test)</td>
</tr>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>NOEC</td>
<td>2.4 mg/l</td>
<td>Algae</td>
<td>72 h</td>
<td>Scenedesmus capricornutum</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>EC50</td>
<td>9.4 mg/l</td>
<td>Algae</td>
<td>72 h</td>
<td>Scenedesmus capricornutum</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
</tbody>
</table>

Persistence and degradability:

<table>
<thead>
<tr>
<th>Hazardous components CAS-No.</th>
<th>Result</th>
<th>Route of application</th>
<th>Degradability</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700) 25068-38-6</td>
<td>aerobic</td>
<td></td>
<td>5 %</td>
<td>OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)</td>
</tr>
</tbody>
</table>

Section 13. Disposal considerations

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.
### Section 14. Transport information

**Road and Rail Transport:**

**Dangerous Goods information:** Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**General information:**
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

### Section 15. Regulatory information

**SUSMP Poisons Schedule**
None

**AICS:**
All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

### Section 16. Other information

**Abbreviations/acronyms:**
- ADGC - Australian Dangerous Goods Code
- IMDG: International Maritime Dangerous Goods Code
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- GHS: Globally Harmonized System

**Reason for issue:** Reviewed SDS. Reissued with new date. Involved chapters: 1 - 16

**Date of previous issue:** 14.07.2010

**Disclaimer:**
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