



## Safety Data Sheet

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LOCTITE AA 330 known as Loctite 330

SDS No. : 416828

V001.0

Date of issue: 23.06.2020

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

**Product name:** LOCTITE AA 330 known as Loctite 330

**Intended use:** Acrylic 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: 1800 032 379

### Section 2. Hazards identification

#### Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

#### GHS Classification:

| <u>Hazard Class</u>                              | <u>Hazard Category</u> | <u>Target organ</u>          |
|--|------------------------|------------------------------|
| Flammable liquids                                | Category 4             |                              |
| Skin corrosion                                   | Category 1A            |                              |
| Serious eye damage/eye irritation                | Category 1             |                              |
| Skin sensitizer                                  | Category 1             |                              |
| Toxic to reproduction                            | Category 1B            |                              |
| Target Organ Systemic Toxicant - Single exposure | Category 3             | respiratory tract irritation |
| Acute hazards to the aquatic environment         | Category 3             |                              |
| Chronic hazards to the aquatic environment       | Category 3             |                              |

#### Hazard pictogram:



**Signal word:** Danger

|                                    |  |
|------------------------------------|--|
| <b>Hazard statement(s):</b>        | H227 Combustible liquid.<br>H314 Causes severe skin burns and eye damage.<br>H317 May cause an allergic skin reaction.<br>H335 May cause respiratory irritation.<br>H360 May damage fertility or the unborn child.<br>H412 Harmful to aquatic life with long lasting effects.  |
| <b>Precautionary Statement(s):</b> |  |
| <b>Prevention:</b>                 | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 Wash hands thoroughly after handling.<br>P271 Use only outdoors or in a well-ventilated area.<br>P272 Contaminated work clothing should not be allowed out of the workplace.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P281 Use personal protective equipment as required.   |
| <b>Response:</b>                   | P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.<br>P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.<br>P308+P313 IF exposed or concerned: Get medical advice/attention.<br>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.<br>P363 Wash contaminated clothing before reuse.<br>P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. |
| <b>Storage:</b>                    | P403+P233 Store in a well-ventilated place. Keep container tightly closed.<br>P405 Store locked up.  |
| <b>Disposal:</b>                   | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.   |

**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).

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

**General chemical description:** Mixture

**Identity of ingredients:**

| Chemical ingredients                           | CAS-No.    | Proportion |
|--|------------|------------|
| Tetrahydrofurfuryl methacrylate                | 2455-24-5  | 30- < 60 % |
| methacrylic acid                               | 79-41-4    | 5- < 10 %  |
| 2-Ethylhexyl methacrylate                      | 688-84-6   | < 10 %     |
| reaction product: bisphenol-A-(epichlorhydrin) | 25068-38-6 | < 1 %      |
| Tetrahydrofurfuryl alcohol                     | 97-99-4    | < 0.3 %    |
| 1,1,2-trichloroethane                          | 79-00-5    | < 1 %      |
| non hazardous ingredients~                     |            | < 50 %     |

**Section 4. First aid measures**

|   |  |
|---|--|
| <b>Ingestion:</b>                               | Seek medical advice.<br>Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.                     |
| <b>Skin:</b>                                    | Seek medical advice.<br>Rinse with running water and soap.<br>Launder contaminated clothing before reuse.        |
| <b>Eyes:</b>                                    | Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.            |
| <b>Inhalation:</b>                              | Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air. |
| <b>First Aid facilities:</b>                    | Eye wash and safety shower<br>Normal washroom facilities   |
| <b>Medical attention and special treatment:</b> | Treat symptomatically.   |

### Section 5. Fire fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>                   | Carbon dioxide, foam, powder   |
| <b>Improper extinguishing media:</b>                   | None known   |
| <b>Combustion behaviour:</b>                           | Combustible Liquid   |
| <b>Decomposition products in case of fire:</b>         | Oxides of carbon, oxides of nitrogen, irritating organic vapors.                             |
| <b>Particular danger in case of fire:</b>              | In case of fire, keep containers cool with water spray.                                      |
| <b>Special protective equipment for fire-fighters:</b> | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |

### Section 6. Accidental release measures

|                                   |   |
|-----------------------------------|---|
| <b>Personal precautions:</b>      | Ensure adequate ventilation.<br>Wear protective equipment.<br>Remove sources of ignition.<br>See advice in section 8  |
| <b>Environmental precautions:</b> | Do not let product enter drains.  |
| <b>Clean-up methods:</b>          | For small spills wipe up with paper towel and place in container for disposal.<br>For large spills absorb onto inert absorbent material and place in sealed container for disposal.<br>Wash spillage site thoroughly with soap and water or detergent solution.<br>Dispose of contaminated material as waste according to Section 13. |

### Section 7. Handling and storage

|                                       |   |
|---------------------------------------|---|
| <b>Precautions for safe handling:</b> | Use only in well-ventilated areas.<br>Avoid skin and eye contact.<br>Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.        |
| <b>Conditions for safe storage:</b>   | 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:**

| Ingredient [Regulated substance] | form of exposure | TWA (ppm) | TWA (mg/m3) | Peak Limit. (ppm) | Peak Limit. (mg/m3) | STEL (ppm) | STEL (mg/m3) |
|----------------------------------|------------------|-----------|-------------|-------------------|---------------------|------------|--------------|
| METHACRYLIC ACID<br>79-41-4      |                  | 20        | 70          |                   |                     |            |              |
| 1,1,2-TRICHLOROETHANE<br>79-00-5 |                  | 10        | 55          |                   |                     |            |              |

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Eye protection:**

Wear chemical goggles and face shield.

**Skin protection:**

Protective clothing that covers arms and legs.  
The use of chemical resistant gloves such as Nitrile is recommended.  
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Respiratory protection:**

Ensure adequate ventilation.  
Do not inhale vapors and fumes.  
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**

|                             |                       |
|-----------------------------|-----------------------|
| <b>Appearance:</b>          | Amber<br>Liquid       |
| <b>Odor:</b>                | Sharp, Irritating     |
| <b>pH:</b>                  | 10                    |
| <b>Specific gravity:</b>    | 1.16                  |
| <b>Boiling point:</b>       | > 148.9 °C (> 300 °F) |
| <b>Flash point:</b>         | > 100 °C (> 212 °F)   |
| <b>Vapor pressure:</b>      | < 4 mbar              |
| <b>Solubility in water:</b> | Slightly soluble      |
| <b>VOC content:</b>         | 1.59 % 18.4 g/l       |

**Section 10. Stability and reactivity**

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Avoid excessive heat and ignition sources.

**Incompatible materials:** Strong oxidizing agents.  
Strong reducing agents.  
Strong acids.  
Alkalis.

**Hazardous decomposition products:** At higher temperature carbon oxides and nitrogen oxides may be generated.  
Irritating organic vapours.

**Hazardous polymerization:** Will not occur.

### Section 11. Toxicological information

**Health Effects:****Ingestion:**

May be harmful if swallowed.

**Skin:**

Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.

**Eyes:**

Contact can cause moderate to severe irritation and possible injury to the eyes.

Vapors may also produce eye irritation.

**Inhalation:**

May cause irritation to nose and throat.

**Chronic effects:**

Repeated excessive dermal exposure may cause marked skin irritation and may increase the possibility of allergic reactions.

**Acute toxicity:**

| Hazardous components<br>CAS-No.                                     | Value<br>type        | Value   | Route of<br>application      | Exposure<br>time | Species              | Method  |
|---|----------------------|---|------------------------------|------------------|----------------------|---|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | LD50                 | 3,945 mg/kg                                       | oral                         |                  | rat                  | OECD Guideline 401 (Acute Oral Toxicity)  |
| methacrylic acid<br>79-41-4   | LD50<br>LC50<br>LD50 | 1,320 mg/kg<br>> 3.6 mg/l<br>500 - 1,000<br>mg/kg | oral<br>inhalation<br>dermal | 4 h              | rat<br>rat<br>rabbit | equivalent or similar to OECD<br>Guideline 401 (Acute Oral<br>Toxicity)<br>OECD Guideline 403 (Acute<br>Inhalation Toxicity)<br>Dermal Toxicity Screening |
| 2-Ethylhexyl methacrylate<br>688-84-6                               | LD0<br>LD50<br>LD50  | > 2,000 mg/kg<br>> 2,000 mg/kg<br>> 20,000 mg/kg  | oral<br>oral<br>dermal       |                  | rat<br>rat<br>rat    | OECD Guideline 401 (Acute<br>Oral Toxicity)<br>OECD Guideline 401 (Acute<br>Oral Toxicity)<br>not specified   |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | LD50<br>LD50         | > 2,000 mg/kg<br>> 2,000 mg/kg                    | oral<br>dermal               |                  | rat<br>rat           | OECD Guideline 420 (Acute<br>Oral Toxicity)<br>OECD Guideline 402 (Acute<br>Dermal Toxicity)  |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | LD50                 | > 2,000 mg/kg                                     | oral                         |                  | rat                  | OECD Guideline 423 (Acute<br>Oral toxicity)   |

**Skin corrosion/irritation:**

| Hazardous components<br>CAS-No.                                     | Result                | Exposure<br>time | Species | Method  |
|---|-----------------------|------------------|---------|---|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | not irritating        | 24 h             | rabbit  | Draize Test   |
| methacrylic acid<br>79-41-4   | corrosive             | 3 min            | rabbit  | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion) |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | moderately irritating | 24 h             | rabbit  | Draize Test   |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | not irritating        | 4 h              | rabbit  | EPA OPP 81-5 (Acute Dermal<br>Irritation)                   |

**Serious eye damage/irritation:**

| Hazardous components<br>CAS-No.                                     | Result         | Exposure<br>time | Species | Method   |
|---|----------------|------------------|---------|--|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | not irritating |                  | rabbit  | Draize Test  |
| methacrylic acid<br>79-41-4   | corrosive      |                  | rabbit  | Draize Test  |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | not irritating |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | irritating     |                  | rabbit  | EPA OPP 81-4 (Acute Eye<br>Irritation)                   |

**Respiratory or skin sensitization:**

| Hazardous components<br>CAS-No.                                     | Result          | Test type  | Species                                    | Method   |
|---|-----------------|--|--|--|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | sensitising     | Patch-Test   | human                                      | not specified  |
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | sensitising     | Direct<br>peptide<br>reactivity<br>assay<br>(DPRA) | cysteine and<br>lysine, in<br>chemico test | not specified  |
| methacrylic acid<br>79-41-4   | not sensitising | Buehler<br>test                                    | guinea pig                                 | equivalent or similar to OECD<br>Guideline 406 (Skin<br>Sensitisation) |
| 2-Ethylhexyl methacrylate<br>688-84-6                               | sensitising     | Guinea pig<br>maximisa-<br>tion test               | guinea pig                                 | Magnusson and Kligman<br>Method  |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | sensitising     | Mouse<br>local<br>lymphnod<br>e assay<br>(LLNA)    | mouse                                      | OECD Guideline 429 (Skin<br>Sensitisation: Local Lymph<br>Node Assay)  |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | not sensitising | Mouse<br>local<br>lymphnod<br>e assay<br>(LLNA)    | mouse                                      | OECD Guideline 429 (Skin<br>Sensitisation: Local Lymph<br>Node Assay)  |

**Germ cell mutagenicity:**

| Hazardous components<br>CAS-No.                                     | Result                           | Type of study /<br>Route of<br>administration  | Metabolic<br>activation /<br>Exposure time               | Species        | Method   |
|---|----------------------------------|--|--|----------------|--|
| methacrylic acid<br>79-41-4   | negative                         | bacterial reverse<br>mutation assay (e.g<br>Ames test)   | with and without   |                | equivalent or similar to OECD<br>Guideline 471 (Bacterial<br>Reverse Mutation Assay)   |
| methacrylic acid<br>79-41-4   | negative<br>negative             | inhalation<br>oral: gavage   |  | mouse<br>mouse | equivalent or similar to OECD<br>Guideline 478 (Genetic<br>Toxicology: Rodent Dominant<br>Lethal Test)<br>equivalent or similar to OECD<br>Guideline 474 (Mammalian<br>Erythrocyte Micronucleus<br>Test)         |
| 2-Ethylhexyl methacrylate<br>688-84-6                               | negative                         | bacterial reverse<br>mutation assay (e.g<br>Ames test)   | with and without   |                | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)  |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | negative                         | bacterial reverse<br>mutation assay (e.g<br>Ames test)   | with and without   |                | OECD Guideline 472 (Genetic<br>Toxicology: Escherichia coli,<br>Reverse Mutation Assay)  |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | negative                         | oral: gavage   |  | mouse          | not specified  |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | negative<br>negative<br>negative | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>in vitro mammalian<br>chromosome<br>aberration test<br>mammalian cell<br>gene mutation assay | with and without<br>with and without<br>with and without |                | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)<br>OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test)<br>OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test) |

**Repeated dose toxicity:**

| Hazardous components<br>CAS-No.                                     | Result             | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method   |
|---|--------------------|-------------------------|--|---------|--|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                     | NOAEL=300<br>mg/kg | oral: gavage            | 29 dyes, concurrent<br>vehicle               | rat     | OECD Guideline 422<br>(Combined Repeated Dose<br>Toxicity Study with the<br>Reproduction / Developmental<br>Toxicity Screening Test) |
| methacrylic acid<br>79-41-4   |                    | inhalation              | 90 d6 h/d, 5 d/w                             | rat     | OECD Guideline 413<br>(Subchronic Inhalation<br>Toxicity: 90-Day)  |
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | NOAEL=50 mg/kg     | oral: gavage            | 14 wdaily                                    | rat     | OECD Guideline 408<br>(Repeated Dose 90-Day Oral<br>Toxicity in Rodents)   |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | NOAEL=500 ppm      | oral: feed              | 91-93 ddaily                                 | rat     | not specified  |
| Tetrahydrofurfuryl<br>alcohol<br>97-99-4                            | NOAEL=1000 ppm     | oral: feed              | 91-93 ddaily                                 | rat     | not specified  |

**Section 12. Ecological information**

**General ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:** Harmful to aquatic life with long lasting effects.

**Toxicity:**

| Hazardous components<br>CAS-No.                                  | Value<br>type | Value      | Acute<br>Toxicity<br>Study | Exposure<br>time | Species   | Method  |
|--|---------------|------------|----------------------------|------------------|---|---|
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                  | LC50          | 34.7 mg/l  | Fish                       | 96 h             | Pimephales promelas   | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)  |
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                  | EC50          | > 100 mg/l | Algae                      | 72 h             | Desmodesmus subspicatus   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| Tetrahydrofurfuryl<br>methacrylate<br>2455-24-5                  | NOEC          | > 100 mg/l | Algae                      | 72 h             | Desmodesmus subspicatus   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| methacrylic acid<br>79-41-4                                      | LC50          | 85 mg/l    | Fish                       | 96 h             | Salmo gairdneri (new name:<br>Oncorhynchus mykiss)                          | EPA OTS<br>797.1400 (Fish<br>Acute Toxicity<br>Test)  |
| methacrylic acid<br>79-41-4                                      | EC50          | > 130 mg/l | Daphnia                    | 48 h             | Daphnia magna   | EPA OTS<br>797.1300 (Aquatic<br>Invertebrate Acute<br>Toxicity Test,<br>Freshwater<br>Daphnids) |
| methacrylic acid<br>79-41-4                                      | NOEC          | 8.2 mg/l   | Algae                      | 72 h             | Selenastrum capricornutum<br>(new name: Pseudokirchneriella<br>subcapitata) | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| methacrylic acid<br>79-41-4                                      | EC50          | 45 mg/l    | Algae                      | 72 h             | Selenastrum capricornutum<br>(new name: Pseudokirchneriella<br>subcapitata) | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| methacrylic acid<br>79-41-4                                      | EC10          | 100 mg/l   | Bacteria                   | 17 h             |   | not specified   |
| 2-Ethylhexyl methacrylate<br>688-84-6                            | LC50          | 2.78 mg/l  | Fish                       | 96 h             | Oryzias latipes   | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)  |
| 2-Ethylhexyl methacrylate<br>688-84-6                            | EC50          | 4.56 mg/l  | Daphnia                    | 48 h             | Daphnia magna   | OECD Guideline<br>202 (Daphnia sp.<br>Acute<br>Immobilisation<br>Test)                          |
| 2-Ethylhexyl methacrylate<br>688-84-6                            | EC50          | 7.68 mg/l  | Algae                      | 72 h             | Pseudokirchneriella subcapitata   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| 2-Ethylhexyl methacrylate<br>688-84-6                            | NOEC          | 0.28 mg/l  | Algae                      | 72 h             | Pseudokirchneriella subcapitata   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| reaction product: bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | LC50          | 1.75 mg/l  | Fish                       | 96 h             | Oncorhynchus mykiss   | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)  |
| reaction product: bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | EC50          | 1.7 mg/l   | Daphnia                    | 48 h             | Daphnia magna   | OECD Guideline<br>202 (Daphnia sp.<br>Acute<br>Immobilisation<br>Test)                          |
| reaction product: bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | EC50          | > 11 mg/l  | Algae                      | 72 h             | Scenedesmus capricornutum   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| reaction product: bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | NOEC          | 4.2 mg/l   | Algae                      | 72 h             | Scenedesmus capricornutum   | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)   |
| reaction product: bisphenol-A-<br>(epichlorhydrin)<br>25068-38-6 | IC50          | > 100 mg/l | Bacteria                   | 3 h              | activated sludge, industrial  | other guideline:  |
| Tetrahydrofurfuryl alcohol<br>97-99-4                            | LC50          | > 101 mg/l | Fish                       | 96 h             | Oryzias latipes   | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)  |
| 1,1,2-trichloroethane<br>79-00-5                                 | LC50          | 136 mg/l   | Fish                       | 96 h             | Pimephales promelas   | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)  |
| 1,1,2-trichloroethane<br>79-00-5                                 | EC50          | 160 mg/l   | Daphnia                    | 48 h             | Daphnia magna   | other guideline:  |
| 1,1,2-trichloroethane  | EC50          | 213 mg/l   | Algae                      | 72 h             | Scenedesmus subspicatus (new  | OECD Guideline  |



|         |  |  |  |  |                               |                                    |
|---------|--|--|--|--|-------------------------------|------------------------------------|
| 79-00-5 |  |  |  |  | name: Desmodosmus subspicatus | 201 (Alga, Growth Inhibition Test) |
|---------|--|--|--|--|-------------------------------|------------------------------------|

**Persistence and degradability:**

| Hazardous components<br>CAS-No.                              | Result                     | Route of application | Degradability | Method  |
|--|----------------------------|----------------------|---------------|---|
| Tetrahydrofurfuryl methacrylate<br>2455-24-5                 | not readily biodegradable. | aerobic              | 75 %          | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| methacrylic acid<br>79-41-4                                  | inherently biodegradable   | aerobic              | 100 %         | OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)    |
| methacrylic acid<br>79-41-4                                  | readily biodegradable      | aerobic              | 86 %          | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)           |
| 2-Ethylhexyl methacrylate<br>688-84-6                        | readily biodegradable      | aerobic              | 88 %          | OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))       |
| reaction product: bisphenol-A-(epichlorhydrin)<br>25068-38-6 | not readily biodegradable. | aerobic              | 5 %           | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| Tetrahydrofurfuryl alcohol<br>97-99-4                        | readily biodegradable      | aerobic              | 92 %          | OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))       |
| 1,1,2-trichloroethane<br>79-00-5                             | not readily biodegradable. | aerobic              | 5 %           | OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))       |

**Bioaccumulative potential / Mobility in soil:**

| Hazardous components<br>CAS-No.                              | LogPow             | Bioconcentration factor (BCF) | Exposure time | Species             | Temperature | Method   |
|--|--------------------|-------------------------------|---------------|---------------------|-------------|--|
| Tetrahydrofurfuryl methacrylate<br>2455-24-5                 | 1.76               |                               |               |                     |             | EU Method A.8 (Partition Coefficient)  |
| methacrylic acid<br>79-41-4                                  | 0.93               |                               |               |                     | 22 °C       | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| 2-Ethylhexyl methacrylate<br>688-84-6                        |                    | 37                            | 56 h          | Danio rerio         | 24 °C       | OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)                      |
| 2-Ethylhexyl methacrylate<br>688-84-6                        | 4.95               |                               |               |                     | 20 °C       | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| reaction product: bisphenol-A-(epichlorhydrin)<br>25068-38-6 | 3.242              |                               |               |                     | 25 °C       | EU Method A.8 (Partition Coefficient)  |
| Tetrahydrofurfuryl alcohol<br>97-99-4                        | -0.14              |                               |               |                     | 24.7 °C     | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| 1,1,2-trichloroethane<br>79-00-5                             |                    | 2                             | 14 d          | Lepomis macrochirus |             | other guideline:   |
| 1,1,2-trichloroethane<br>79-00-5                             | > 2.05 -<br>< 2.49 |                               |               |                     | 20 °C       | QSAR (Quantitative Structure Activity Relationship)                                |

**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.

**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).

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

**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  
GHS: Globally Harmonized System  
CAS: Chemical Abstracts Service  
LD 50: Lethal Dose 50%  
OECD: Organization for Economic Cooperation and Development  
LC 50: Lethal Concentration 50%  
STEL - Short term exposure limit  
TWA - Time weighted average

**Reason for issue:**

First issue. involved chapters: 1-16

**Disclaimer:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material.

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