



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Easy2Check**  
Product Use: Underfloor Protection  
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Auto Body Equipment**  
Address: 17 The Boulevard  
Te Rapa, Hamilton, 3200  
New Zealand

Telephone: +64 7 849 3514  
Email: office@abe.co.nz  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 8 June 2023

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Aerosols (Flammable) – HSR002515**

#### Pictograms:



Flammable



Irritant



Chronic

Signal Word: **DANGER**

| GHS Classification and Category                                           | Hazard Code | Hazard Statement                              |
|---------------------------------------------------------------------------|-------------|-----------------------------------------------|
| Aerosol Cat. 1                                                            | H222        | Extremely flammable aerosol.                  |
|                                                                           | H229        | Pressurised container: May burst if heated    |
| Aspiration hazard Cat. 1                                                  | H304        | May be fatal if swallowed and enters airways. |
| specific target organ toxicity - single exposure Cat 3 - Narcotic Effects | H336        | May cause drowsiness or dizziness.            |

| Prevention Code | Prevention Statement                                                                           |
|-----------------|------------------------------------------------------------------------------------------------|
| P102            | Keep out of reach of children.                                                                 |
| P103            | Read carefully and follow all instructions.                                                    |
| P210            | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

|      |                                                         |
|------|---------------------------------------------------------|
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use.                  |
| P261 | Avoid breathing gas, mist, vapours or spray.            |
| P271 | Use only outdoors or in a well-ventilated area.         |

| Response Code | Response Statement                                                                        |
|---------------|-------------------------------------------------------------------------------------------|
| P101          | If medical advice is needed, have product container or label at hand.                     |
| P312          | Call a POISON CENTER or doctor/physician if you feel unwell.                              |
| P331          | Do NOT induce vomiting.                                                                   |
| P301 + P310   | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.                       |
| P304 + P340   | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |

| Storage Code | Storage Statement                                                     |
|--------------|-----------------------------------------------------------------------|
| P405         | Store locked up.                                                      |
| P403 + P233  | Store in a well-ventilated place. Keep container tightly closed.      |
| P410 + P412  | Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |

| Disposal Code | Disposal Statement                                       |
|---------------|----------------------------------------------------------|
| P501          | Dispose of according to Local Regulations or Authorities |

### Section 3. Composition / Information on Hazardous Ingredients

| Ingredients                                                          | Wt%     | CAS NUMBER.                   |
|----------------------------------------------------------------------|---------|-------------------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  | 30 - 40 | 919-857-5 (REACH-IT List-No.) |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | 30 - 40 | 918-481-9 (REACH-IT List-No.) |

### Section 4. First Aid Measures

Routes of Exposure:

|              |                                                                                                                                                                                                                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If in Eyes   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation seek medical assistance.                                                                                                                       |
| If on Skin   | Wash with plenty of water/Soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.                                                                                                                             |
| If Swallowed | Typically no exposure pathway. Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately.                                                                                                                                       |
| If Inhaled   | Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult. |

#### Most important symptoms and effects, both acute and delayed

|             |                                                                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms:   | Most important symptoms and effects, both acute and delayed<br>If applicable delayed symptoms and effects can be found in section 11.<br>In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. |
| Swallowed:  | May be fatal if swallowed and enters airways. Nausea, vomiting.                                                                                                                                                                                      |
| Inhalation: | May cause drowsiness or dizziness. Irritation of the respiratory tract.<br>Coughing, headaches, mental confusion.                                                                                                                                    |

Eyes: Irritation of the eyes.  
Skin: Drying of the skin. Dermatitis (skin inflammation)

Notes to Doctor: Symptomatic treatment.

## Section 5. Fire Fighting Measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard Type</b>                                                  | Flammable Aerosol                                                                                                                                                                                                                                                                                                                      |
| <b>Hazards from decomposition products</b>                          | In case of fire the following can develop: Oxides of carbon, toxic gases                                                                                                                                                                                                                                                               |
| <b>Suitable Extinguishing media</b>                                 | Alcohol resistant foam, Carbon dioxide (CO <sub>2</sub> ), Extinguishing powder.<br>Water jet spray.<br>Do not use high power water jet.                                                                                                                                                                                               |
| <b>Precautions for firefighters and special protective clothing</b> | In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.<br>Danger of bursting (explosion) when heated. Explosive vapour/air or gas/air mixtures. Dangerous vapours heavier than air.<br>In case of spreading near the ground, flashback to distance sources of ignition is possible. |
| <b>HAZCHEM CODE</b>                                                 | <b>3Z</b>                                                                                                                                                                                                                                                                                                                              |

## Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Provide adequate ventilation. Clear contaminated areas thoroughly. Caution – risk of slipping.

Prevent surface and ground-water infiltration, as well as ground penetration.  
Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous. If accidental entry into drainage system occurs, inform responsible authorities.

If spray or gas escapes, ensure ample fresh air is available. Without adequate ventilation, formation of explosive mixtures may be possible.

Active substance:

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Avoid breathing gas, mist, vapours or spray.
- Use only outdoors or in a well-ventilated area. Avoid inhalation of vapours.
- Do not use on hot surfaces.
- Avoid contact with eyes or skin.
- Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
- Observe directions on label and instructions for use.
- Use working methods according to operating instructions.
- Wash hands before breaks and at end of work.
- Keep away from food, drink and animal feedingstuffs.
- Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.

Product Name: Easy2Check  
Date of SDS: 8 June 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

- Keep out of reach of children,
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
- Store product closed and only in original packing.
- Not to be stored in gangways or stair wells.
- Do not store with oxidizing agents.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

| Substance                                                                           | TWA |                   | STEL |                   |
|-------------------------------------------------------------------------------------|-----|-------------------|------|-------------------|
|                                                                                     | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics                 | -   | 800               | -    | -                 |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2 <sup>0</sup> /0 aromatics | -   | 800               | -    | -                 |
| Butane [106-97-8]                                                                   | 800 | 1900              | -    | -                 |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

### DNEL/DMEL values

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics |                                            |                             |            |       |                   |
|------------------------------------------------------|--------------------------------------------|-----------------------------|------------|-------|-------------------|
| Area of application                                  | Exposure route / Environmental compartment | Effect on health            | Descriptor | Value | Unit              |
| Consumer                                             | Human - oral                               | Long term, systemic effects | DNEL       | 300   | mg/kg bw/day      |
| Consumer                                             | Human - dermal                             | Long term, systemic effects | DNEL       | 300   | mg/kg bw/day      |
| Consumer                                             | Human - inhalation                         | Long term, systemic effects | DNEL       | 900   | mg/m <sup>3</sup> |
| Consumer                                             | Human - dermal                             | Long term, systemic effects | DNEL       | 125   | mg/kg bw/day      |
| Consumer                                             | Human - inhalation                         | Long term, systemic effects | DNEL       | 185   | mg/m <sup>3</sup> |
| Consumer                                             | Human - oral                               | Long term, systemic effects | DNEL       | 125   | mg/kg bw/day      |
| Workers / employees                                  | Human - dermal                             | Long term, systemic effects | DNEL       | 300   | mg/kg bw/day      |
| Workers / employees                                  | Human - inhalation                         | Long term, systemic effects | DNEL       | 1500  | mg/m <sup>3</sup> |
| Workers / employees                                  | Human - dermal                             | Long term, systemic effects | DNEL       | 208   | mg/kg bw/day      |
| Workers / employees                                  | Human - inhalation                         | Long term, systemic effects | DNEL       | 871   | mg/m <sup>3</sup> |

### Engineering Controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

### Personal Protection Equipment



|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes</b>        | Eye glasses with side protection (EN 166).                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Hands</b>       | Tested protective gloves must be worn (EN ISO 374):<br>If applicable<br>Protective nitrile gloves (EN 374)<br>Minimum layer thickness in mm: > 0,5<br>Permeation time (penetration time) in minutes: > 240<br>The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.<br>The recommended maximum wearing time is 50% of breakthrough time.<br>Protective hand cream recommended. |
| <b>Skin</b>        | Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).                                                                                                                                                                                                                                                                                                                                |
| <b>Respiratory</b> | Normally not necessary.<br>If OES or MEL is exceeded.<br>Filter A P2 (EN 14387), code colour brown, white<br>At high concentrations:<br>Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)<br>Observe wearing time limitations for respiratory protection equipment.                                                                                                                                         |
| <b>General</b>     | General hygiene measures for the handling of chemicals are applicable.<br>Wash hands before breaks and at end of work.<br>Keep away from food, drink and animal feeding stuffs.<br>Remove contaminated clothing and protective equipment before entering areas in which food is consumed.                                                                                                                                              |

## Section 9 Physical and Chemical Properties

|                                         |                                                                    |
|-----------------------------------------|--------------------------------------------------------------------|
| <b>Form</b>                             | Aerosol – Active substance: Liquid                                 |
| <b>Colour</b>                           | Colourless Clear                                                   |
| <b>Odour</b>                            | Characteristic                                                     |
| <b>Odour Threshold</b>                  | Not available                                                      |
| <b>pH @20°C</b>                         | Not available                                                      |
| <b>Boiling Point</b>                    | Not available                                                      |
| <b>Melting Point</b>                    | Not available                                                      |
| <b>Freezing Point</b>                   | Not available                                                      |
| <b>Flash Point</b>                      | Not available                                                      |
| <b>Flammability</b>                     | Flammable Aerosol                                                  |
| <b>Upper and Lower Explosive Limits</b> | 0.6 Vol% - 10.9 Vol %                                              |
| <b>Explosive properties</b>             | Possible buildup of explosive/highly flammable vapour/air mixture. |
| <b>Vapour Pressure @20°C</b>            | Not available                                                      |
| <b>Density@ 20°C</b>                    | 0.692 g/cm <sup>3</sup>                                            |
| <b>Specific Gravity</b>                 | Not available                                                      |
| <b>Water Solubility</b>                 | Not miscible                                                       |
| <b>Partition Coefficient:</b>           | Not available                                                      |
| <b>Auto-Ignition Temperature</b>        | >200°C (ignition temp)                                             |
| <b>Decomposition Temperature</b>        | Not available                                                      |
| <b>Kinematic Viscosity @20°C</b>        | Not available                                                      |
| <b>Particle Characteristics</b>         | Not available                                                      |
| <b>Solvent content</b>                  | 100% (organic solvents)                                            |

## Section 10. Stability and Reactivity

|                                           |                                                                        |
|-------------------------------------------|------------------------------------------------------------------------|
| <b>Stability of Substance</b>             | The product is stable under storage at normal ambient temperatures.    |
| <b>Possibility of hazardous reactions</b> | No hazardous reaction when handled and stored according to provisions. |

|                                         |                                                                                                                    |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Conditions to Avoid</b>              | Heating, open flame, ignition sources.<br>Pressure increase will result in danger of bursting.                     |
| <b>Incompatible Materials</b>           | Avoid contact with strong oxidizing agents. Avoid contact with strong alkalis.<br>Avoid contact with strong acids. |
| <b>Hazardous Decomposition Products</b> | No decomposition when used as directed.                                                                            |

## Section 11 Toxicological Information

### Acute Effects:

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| <b>Swallowed</b>  | Does not contain any ingredients classified as acutely toxic.              |
| <b>Dermal</b>     | Does not contain any ingredients classified as acutely toxic.              |
| <b>Inhalation</b> | Does not contain any ingredients classified as acutely toxic.              |
| <b>Eye</b>        | Does not contain any ingredients classified as an eye irritant/corrosive.  |
| <b>Skin</b>       | Does not contain any ingredients classified as an skin irritant/corrosive. |

### Chronic Effects:

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| <b>Carcinogenicity</b>        | Does not contain any ingredients classified as carcinogenic.           |
| <b>Reproductive Toxicity</b>  | Does not contain any ingredients classified as toxic for reproduction. |
| <b>Germ Cell Mutagenicity</b> | Does not contain any ingredients classified as mutagenic.              |
| <b>Aspiration</b>             | May be fatal if swallowed and enters airways.                          |
| <b>STOT/SE</b>                | Does not contain any ingredients classified as STOT SE.                |
| <b>STOT/RE</b>                | May cause drowsiness or dizziness.                                     |

### Acute Toxicity for components:

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |          |       |         |            |                                                              |                                                                     |
|---------------------------------------------------------------------|----------|-------|---------|------------|--------------------------------------------------------------|---------------------------------------------------------------------|
| Toxicity / effect                                                   | Endpoint | Value | Unit    | Organism   | Test method                                                  | Notes                                                               |
| Acute toxicity, by oral route:                                      | LD50     | >5000 | mg/kg   | Rat        | OECD 401 (Acute Oral Toxicity)                               |                                                                     |
| Acute toxicity, by dermal route:                                    | LD50     | >5000 | mg/kg   | Rabbit     | OECD 402 (Acute Dermal Toxicity)                             |                                                                     |
| Acute toxicity, by inhalation:                                      | LD50     | >18,5 | mg/l/4h | Rat        | OECD 403 (Acute Inhalation Toxicity)                         |                                                                     |
| Skin corrosion/irritation:                                          |          |       |         | Rabbit     | OECD 404 (Acute Dermal Irritation/Corrosion)                 | Not irritant, Repeated exposure may cause skin dryness or cracking. |
| Serious eye damage/irritation:                                      |          |       |         | Rabbit     | OECD 405 (Acute Eye Irritation/Corrosion)                    | Not irritant                                                        |
| Respiratory or skin sensitisation:                                  |          |       |         | Guinea pig | OECD 406 (Skin Sensitisation)                                | No (skin contact)                                                   |
| Germ cell mutagenicity:                                             |          |       |         |            | OECD 471 (Bacterial Reverse <b>Mutation</b> Test)            | Negative, Analogous conclusion                                      |
| Carcinogenicity:                                                    |          |       |         |            | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) | Negative, Analogous conclusion                                      |
| Reproductive toxicity:                                              |          |       |         |            | OECD 414 (Prenatal Developmental Toxicity Study)             | Negative, Analogous conclusion                                      |
| Specific target organ toxicity - single exposure (STOT-SE):         |          |       |         |            |                                                              | May cause drowsiness or dizziness.                                  |
| Aspiration hazard:                                                  |          |       |         |            |                                                              | Yes                                                                 |

|                                                                      |  |  |  |  |                                                       |                             |
|----------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------|-----------------------------|
| Symptoms:                                                            |  |  |  |  |                                                       | unconsciousness, headaches, |
| Specific target organ toxicity - repeated exposure (STOT- RE), oral: |  |  |  |  | OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in | Not to be expected          |

| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |                 |              |                        |                 |                                                                |                                       |
|--------------------------------------------------------------------------------|-----------------|--------------|------------------------|-----------------|----------------------------------------------------------------|---------------------------------------|
| <b>Toxicity / effect</b>                                                       | <b>Endpoint</b> | <b>Value</b> | <b>Unit</b>            | <b>Organism</b> | <b>Test method</b>                                             | <b>Notes</b>                          |
| Acute toxicity, by oral route:                                                 | LD50            | >5000        | mg/kg                  | Rat             | OECD 401 (Acute Oral Toxicity)                                 | Analogous conclusion                  |
| Acute toxicity, by dermal route:                                               | LD50            | >5000        | mg/kg                  | Rabbit          | OECD 402 (Acute Dermal Toxicity)                               | Analogous conclusion                  |
| Acute toxicity, by inhalation:                                                 | LC50            | >4951        | mg/m <sup>3</sup> /4 h | Rat             | OECD 403 (Acute Inhalation Toxicity)                           | Analogous conclusion, Vapours         |
| Skin corrosion/irritation:                                                     |                 |              |                        |                 | OECD 404 (Acute Dermal Irritation/Corrosion)                   | Not irritant, Analogous conclusion    |
| Serious eye damage/irritation:                                                 |                 |              |                        |                 | OECD 405 (Acute Eye Irritation/Corrosion)                      | Not irritant, Analogous conclusion    |
| Respiratory or skin sensitisation:                                             |                 |              |                        |                 | OECD 406 (Skin Sensitisation)                                  | Not sensitising, Analogous conclusion |
| Germ cell mutagenicity:                                                        |                 |              |                        |                 | OECD 471 (Bacterial Reverse Mutation Test)                     | Negative, Analogous conclusion        |
| Germ cell mutagenicity:                                                        |                 |              |                        |                 | OECD 473 (In Vitro Mammalian Chromosome Aberration Test)       | Negative, Analogous conclusion        |
| Germ cell mutagenicity:                                                        |                 |              |                        |                 | OECD 474 (Mammalian Erythrocyte Micronucleus Test)             | Negative, Analogous conclusion        |
| Carcinogenicity:                                                               |                 |              |                        |                 | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)   | Negative, Analogous conclusion        |
| Reproductive toxicity:                                                         |                 |              |                        |                 | OECD 414 (Prenatal Developmental Toxicity Study)               | Negative, Analogous conclusion        |
| Specific target organ toxicity - repeated exposure (STOT- RE):                 |                 |              |                        |                 | OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | Negative, Analogous conclusion        |
| Aspiration hazard:                                                             |                 |              |                        |                 |                                                                | Yes                                   |
| Symptoms:                                                                      |                 |              |                        |                 |                                                                | unconsciousness, headaches, dizziness |
| Other information:                                                             |                 |              |                        |                 |                                                                | Repeated exposure may cause skin      |

| <b>Propane</b>                 |                 |              |             |                 |                                            |              |
|--------------------------------|-----------------|--------------|-------------|-----------------|--------------------------------------------|--------------|
| <b>Toxicity / effect</b>       | <b>Endpoint</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test method</b>                         | <b>Notes</b> |
| Acute toxicity, by inhalation: | LC50            | 658          | mg/l/4h     | Rat             |                                            |              |
| Skin corrosion/irritation:     |                 |              |             |                 |                                            | Not irritant |
| Serious eye damage/irritation: |                 |              |             |                 |                                            | Not irritant |
| Germ cell mutagenicity:        |                 |              |             |                 | OECD 471 (Bacterial Reverse Mutation Test) | Negative     |

|                                                 |       |        |      |  |                                                                                                     |                                                                                                                                    |
|-------------------------------------------------|-------|--------|------|--|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Reproductive toxicity (Developmental toxicity): | NOAEC | 21,641 | mg/l |  | OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Development. Tox. Screening Test) |                                                                                                                                    |
| Aspiration hazard:                              |       |        |      |  |                                                                                                     | No                                                                                                                                 |
| Symptoms:                                       |       |        |      |  |                                                                                                     | breathing difficulties, unconsciousness, frostbite, headaches, cramps, mucous membrane irritation, dizziness, nausea and vomiting. |

| <b>Butane</b>                  |                 |              |             |                 |                                            |                                                                                                                                                        |
|--------------------------------|-----------------|--------------|-------------|-----------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Toxicity / effect</b>       | <b>Endpoint</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test method</b>                         | <b>Notes</b>                                                                                                                                           |
| Acute toxicity, by inhalation: | LC50            | 658          | mg/l/4h     | Rat             |                                            |                                                                                                                                                        |
| Germ cell mutagenicity:        |                 |              |             |                 | OECD 471 (Bacterial Reverse Mutation Test) | Negative                                                                                                                                               |
| Aspiration hazard:             |                 |              |             |                 |                                            | No                                                                                                                                                     |
| Symptoms:                      |                 |              |             |                 |                                            | ataxia, breathing difficulties, drowsiness, unconsciousness, frostbite, disturbed heart rhythm, headaches, cramps, intoxication, dizziness, nausea and |

| <b>Isobutane</b>               |                 |              |             |                 |                                            |                                                                                |
|--------------------------------|-----------------|--------------|-------------|-----------------|--------------------------------------------|--------------------------------------------------------------------------------|
| <b>Toxicity / effect</b>       | <b>Endpoint</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test method</b>                         | <b>Notes</b>                                                                   |
| Acute toxicity, by inhalation: | LC50            | 658          | mg/l/4h     | Rat             |                                            |                                                                                |
| Serious eye damage/irritation: |                 |              |             | Rabbit          |                                            | Not irritant                                                                   |
| Germ cell mutagenicity:        |                 |              |             |                 | OECD 471 (Bacterial Reverse Mutation Test) | Negative                                                                       |
| Aspiration hazard:             |                 |              |             |                 |                                            | No                                                                             |
| Symptoms:                      |                 |              |             |                 |                                            | unconsciousness, frostbite, headaches, cramps, dizziness, nausea and vomiting. |

## Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Toxicity for components:

| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |                 |             |              |             |                 |                    |              |
|-------------------------------------------------------------------------------|-----------------|-------------|--------------|-------------|-----------------|--------------------|--------------|
| <b>Toxicity / effect</b>                                                      | <b>Endpoint</b> | <b>Time</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test method</b> | <b>Notes</b> |



|                                          |       |     |       |      |                                  |                                                                    |                                     |
|------------------------------------------|-------|-----|-------|------|----------------------------------|--------------------------------------------------------------------|-------------------------------------|
| 12.1. Toxicity to fish:                  | NOELR | 28d | 0,13  | mg/l | Oncorhynchus mykiss              | QSAR                                                               |                                     |
| 12.1. Toxicity to daphnia:               | EC50  | 48h | >1000 | mg/l | Daphnia magna                    | OECD 202 (Daphnia sp. Acute Immobilisation Test)                   |                                     |
| 12.3. Bioaccumulative potential:         |       |     | 5-6,7 |      |                                  |                                                                    | High                                |
| 12.1. Toxicity to fish:                  | LC50  | 96h | >1000 | mg/l | Oncorhynchus mykiss              | OECD 203 (Fish, Acute Toxicity Test)                               |                                     |
| 12.1. Toxicity to algae:                 | ErC50 | 72h | >1000 | mg/l | Pseudokirchnerie lla subcapitata | OECD 201 (Alga, Growth Inhibition Test)                            |                                     |
| 12.1. Toxicity to algae:                 | EbC50 | 72h | >1000 | mg/l | Pseudokirchnerie lla subcapitata | OECD 201 (Alga, Growth Inhibition Test)                            |                                     |
| 12.1. Toxicity to algae:                 | NOELR | 72h | 100   | mg/l | Raphidocelis subcapitata         | OECD 201 (Alga, Growth Inhibition Test)                            |                                     |
| 12.2. Persistence and degradability:     |       | 28d | 80    | %    |                                  | OECD 301 F (Ready Biodegradability - Manometric Respirometry Test) | Readily biodegradable               |
| 12.1. Toxicity to algae:                 | NOELR | 72h | 3     | mg/l | Pseudokirchnerie lla subcapitata | OECD 201 (Alga, Growth Inhibition Test)                            |                                     |
| 12.5. Results of PBT and vPvB assessment |       |     |       |      |                                  |                                                                    | No PBT substance, No vPvB substance |

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |          |      |       |      |                                  |                                                  |                                      |
|----------------------------------------------------------------------|----------|------|-------|------|----------------------------------|--------------------------------------------------|--------------------------------------|
| Toxicity / effect                                                    | Endpoint | Time | Value | Unit | Organism                         | Test                                             | Notes                                |
| 12.5. Results of PBT and vPvB assessment                             |          |      |       |      |                                  |                                                  | No PBT substance, No vPvB substance  |
| Water solubility:                                                    |          |      |       |      |                                  |                                                  | Product floats on the water surface. |
| 12.1. Toxicity to fish:                                              | LL50     | 96h  | >1000 | mg/l | Oncorhynchus mykiss              | OECD 203 (Fish, Acute)                           |                                      |
| 12.1. Toxicity to fish:                                              | NOELR    | 28d  | 0,101 | mg/l | Oncorhynchus mykiss              |                                                  |                                      |
| 12.1. Toxicity to daphnia:                                           | EL50     | 48h  | >1000 | mg/l | Daphnia magna                    | OECD 202 (Daphnia)                               |                                      |
| 12.1. Toxicity to daphnia:                                           | NOELR    | 21d  | 0,176 | mg/l | Daphnia magna                    |                                                  |                                      |
| 12.2. Persistence and degradability:                                 |          | 28d  | 80    | %    | activated sludge                 | OECD 301 F (Ready Biodegradability - Manometric) | Readily biodegradable                |
| 12.1. Toxicity to algae:                                             | EL50     | 72h  | >1000 | mg/l | Pseudokirchnerie lla subcapitata | OECD 201 (Alga, Growth)                          |                                      |
| Other organisms:                                                     | EL50     | 48h  | >1000 | mg/l | Tetrahymen pyriformis            |                                                  |                                      |
| Propane                                                              |          |      |       |      |                                  |                                                  |                                      |
| Toxicity / effect                                                    | Endpoint | Time | Value | Unit | Organism                         | Test                                             | Notes                                |

|                                                 |         |  |      |  |  |  |                                                                                 |
|-------------------------------------------------|---------|--|------|--|--|--|---------------------------------------------------------------------------------|
| 12.3. Bioaccumulative potential:                | Log Pow |  | 2,28 |  |  |  | A notable biological accumulation potential is not to be expected (LogPow 1-3). |
| 12.5. Results of <b>PBT</b> and vPvB assessment |         |  |      |  |  |  | No <b>PBT</b> substance, No vPvB substance                                      |

| <b>Butane</b>                            |                 |             |              |             |                 |             |                                     |
|------------------------------------------|-----------------|-------------|--------------|-------------|-----------------|-------------|-------------------------------------|
| <b>Toxicity / effect</b>                 | <b>Endpoint</b> | <b>Time</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test</b> | <b>Notes</b>                        |
| 12.1. Toxicity to fish:                  | LC50            | 96h         | 24,11        | mg/l        |                 | QSAR        |                                     |
| 12.1. Toxicity to daphnia:               | LC50            | 48h         | 14,22        | mg/l        |                 | QSAR        |                                     |
| 12.3. Bioaccumulative                    | Log Pow         |             | 2,98         |             |                 |             | A notable biological                |
| 12.5. Results of PBT and vPvB assessment |                 |             |              |             |                 |             | No PBT substance, No vPvB substance |

| <b>Isobutane</b>                         |                 |             |              |             |                 |             |                                                                                 |
|------------------------------------------|-----------------|-------------|--------------|-------------|-----------------|-------------|---------------------------------------------------------------------------------|
| <b>Toxicity / effect</b>                 | <b>Endpoint</b> | <b>Time</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test</b> | <b>Notes</b>                                                                    |
| 12.3. Bioaccumulative potential:         |                 |             |              |             |                 |             | A notable biological accumulation potential is not to be expected (LogPow 1-3). |
| 12.1. Toxicity to fish:                  | LC50            | 96h         | 27,98        | mg/l        |                 |             |                                                                                 |
| 12.1. Toxicity to algae:                 | EC50            | 96h         | 7,71         | mg/l        |                 |             |                                                                                 |
| 12.2. Persistence and degradability:     |                 |             |              |             |                 |             | Readily biodegradable                                                           |
| 12.5. Results of PBT and vPvB assessment |                 |             |              |             |                 |             | No PBT substance, No vPvB substance                                             |

**Persistence and Degradability:**

There are no data available on the mixture itself.

**Bioaccumulative Potential:**

There are no data available on the mixture itself.

**Mobility in Soil:**

There are no data available on the mixture itself.

**Section 13. Disposal Considerations**

**Disposal Method:**

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable Aerosol" and that the label also has the Flammable Pictogram, and the business name, address, and phone number.

**Precautions or methods to avoid:** Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**Section 14****Transport Information**

This product is classified as a **Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021**

**Road, Rail, Sea and Air Transport**

|                             |                                                                                                                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN No</b>                | 1950                                                                                                                                                                                                                                                       |
| <b>Class - Primary</b>      | 2                                                                                                                                                                                                                                                          |
| <b>Proper Shipping Name</b> | AEROSOLS,                                                                                                                                                                                                                                                  |
| <b>Marine Pollutant</b>     | No                                                                                                                                                                                                                                                         |
| <b>Special Provisions</b>   | If the product's individual container is below 1L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG. |

**Section 15****Regulatory Information****New Zealand:**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Aerosols (Flammable) – HSR002515

| <b>HSW (HS) Regulations 2017 and EPA Notices</b> | <b>Trigger Quantity</b>            |
|--------------------------------------------------|------------------------------------|
| Certified Handler                                | Not required                       |
| Location Certificate                             | 3000L (AWC)                        |
| Tracking Trigger Quantities                      | Not required                       |
| Signage Trigger Quantities                       | 3000L (AWC)                        |
| Emergency Response Plan                          | 3000L (AWC)                        |
| Secondary Containment                            | 3000L (AWC)                        |
| Fire Extinguishers                               | 3000L (AWC) - require 1X           |
| Restriction of Use                               | Only use for the intended purpose. |

**Section 16****Other Information****Glossary**

|                  |                                                                                         |
|------------------|-----------------------------------------------------------------------------------------|
| EC <sub>50</sub> | Median effective concentration.                                                         |
| EEL              | Environmental Exposure Limit.                                                           |
| EPA              | Environmental Protection Authority                                                      |
| HSNO             | Hazardous Substances and New Organisms.                                                 |
| HSW              | Health and Safety at Work.                                                              |
| LC <sub>50</sub> | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD <sub>50</sub> | Lethal dose to kill 50% of test animals/organisms.                                      |
| LEL              | Lower explosive level.                                                                  |
| OSHA             | American Occupational Safety and Health Administration.                                 |
| TEL              | Tolerable Exposure Limit.                                                               |
| TLV              | Threshold Limit Value-an exposure limit set by responsible authority.                   |
| UEL              | Upper Explosive Level                                                                   |
| WES              | Workplace Exposure Limit                                                                |

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.

3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact Auto Body Equipment, if further information is required.

Issue Date: 8 June 2023                      Review Date: 8 June 2028