



# UNDERBODY UB202

## SAFETY DATA SHEET

### 1. Product identification

#### Product Details:

Product Identifier Underbody UB202  
Product Code 8490  
Recommended Use Automotive rust preventative compound

#### Manufacturer or Supplier Details:

**Corporate Energy Australia Pty Ltd (ABN 72 082 678 484)**

Cnr Boundary Rd & Potassium St  
Narangba, QLD, 4504  
Australia

**Telephone No.** 07 3203 2833 (Business hours)

**Emergency Telephone No.** 1800 625 526

### 2. Hazard Identification

#### GHS Classification

Flammable liquid – Category 3  
Specific Target Organ Toxicity – Category 3  
Carcinogenicity – Category 1B  
Mutagenicity – Category 1B  
Aspiration Hazard – Category 1  
Skin Irritation – Category 2  
Specific Target Organ Toxicity (Repeated Exposure) – Category 2  
Chronic Aquatic Toxicity – Category 2

#### GHS Label Elements



Hazard Pictogram

Flame Health Exclamation Environment

Signal Word

Danger



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#### Hazard Statements

Physical Hazards  
Health Hazards

Not classified as a physical hazard under GHS criteria  
H226 – Flammable liquid and vapour  
H335 – May cause respiratory irritation  
H350 – May cause cancer  
H340 – May cause genetic defects  
H304 – May be fatal if swallowed and enters airways  
H315 – Causes skin irritation  
H373 May cause damage to respiratory system through prolonged or repeated exposure by inhalation  
Environmental Hazards  
H411 – Toxic to aquatic life with long lasting effects

#### Precautionary Statements

Prevention

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces.– No smoking.  
P233 Keep container tightly closed.  
P240 Ground/Bond container and receiving equipment  
P241 Use explosion-proof electrical, ventilating, lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe fume / gas / mist / vapours / spray.  
P261 Avoid breathing fume / gas / mist / vapours / spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/eye protection/face protection  
P281 Use personal protective equipment as required.  
Response  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P303, P361, P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P308 + P313 IF exposed or concerned: Get medical advice / attention.  
P312 Call a POISON CENTER or doctor / physician if you feel unwell.  
P314 Get medical advice / attention if you feel unwell.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.



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Storage	P370, P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P403, P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal	P501 Dispose of contents / container in accordance with local, regional, national and international regulations.
Supplemental label elements	Not applicable
Other hazards which do not result in classification	Not applicable

### 3. Composition / Information on Ingredients

#### Hazardous Ingredients

MATERIAL OR COMPONENT (inc. CAS No.(s))		RELATIVE PROPORTION
Mineral Clay	68953-58-2	Low
Bituminous Paint	8052-42-4	Medium
White Spirit	108-67-8	Medium
Technical Wax	N/A	Medium
China Clay	N/A	Medium
Methylated Spirits	64-17-5	Low
Inhibitors	9003-29-6	Low

Key to proportions: High 61-100%, Med 11-60%, Low 1-10%, V.Low <1%

### 4. First Aid Measures

#### General Information:

Revision Date: 16<sup>th</sup> January 2017



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You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

**Inhalation:** If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48hours after exposure.

**Skin Contact:** Gently blot away excess liquid. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

#### 5. Fire Fighting Measures

**Fire and Explosion Hazards:** This product is classified as flammable. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Any explosion will likely spread the fire to surrounding materials. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** Suitable extinguishing media are carbon dioxide, dry chemical, foam. Normal foam, i.e. protein based foam that is not alcohol resistant, is the preferred medium for large fires. Try to contain spills, minimize spillage entering drains or water courses.



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**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

#### 6. Accidental Release Measures

**Accidental release:** In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include PVC, Nitrile, neoprene. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. It should be fitted with a type A cartridge, suitable for organic vapours. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Avoid using sawdust or other combustible material. Any electrical equipment should be non-sparking. Any equipment capable of building an electrostatic charge should be electrically grounded. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains.

If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

#### 7. Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.



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**Storage:** This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers periodically for leaks. Containers should be kept closed in order to minimize contamination and possible evaporation. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. If you keep more than 10000kg or L of Dangerous Goods of Packaging Group III, you may be required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

#### 8. Exposure Control / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:  
Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Occupational Exposure Limits:** Mineral Spirits TWA = 350mg/m<sup>3</sup>

No special equipment is usually needed when occasionally handling small quantities.

The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used.

**Skin Protection:** You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: PVC, nitrile, neoprene.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Safety deluge showers should, if practical, be provided near to where this product is being used.



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#### 9. Physical and Chemical Properties

<b>Form:</b>	Thick Liquid
<b>Colour:</b>	Black
<b>Odour:</b>	Ammonia like smell
<b>Boiling Point:</b>	114- 145 °C
<b>Pour point:</b>	5 °C
<b>Flash point :</b>	38 °C closed cup
<b>Flammability limits:</b>	LEL 1.0% UEL 7.5%
<b>Specific Gravity:</b>	1.08
<b>Flammability:</b>	Flammable
<b>Volatiles:</b>	Hydrocarbon Solvent
<b>Vapour Pressure:</b>	26°C
<b>Uses:</b>	Anti-Corrosive coating for motor vehicle underbodies

#### 10. Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Handle and open containers carefully. Any electrical equipment in the area of this product should be flame proofed.

**Incompatibilities:** strong oxidising agents.

**Fire Decomposition:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** Polymerisation reactions are unlikely; they are not expected to occur.

#### 11. Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the label of this product. Symptoms or effects that may arise if the product is



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mishandled and overexposure occurs are:

**Eye:** Mild irritant.

**Skin:** Mild irritant. Prolong contact may cause defatting of skin may lead to dermatitis.

**Inhaled:** Inhalation of vapours may cause irritation to the respiratory system.

**Swallowed:** Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

**Ld50** >2000 mg/Kg

#### 12. Ecological Information

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Insufficient data to be sure of status.

#### 13. Disposal Consideration

Recycle wherever possible. Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Unwanted paint should be allowed to dry and then disposal of via domestic waste collection. Empty paint cans should be left open in a good ventilated area to dry before disposal. Consult your State Land Waste Management Authority prior to disposal.

#### 14. Transport Information

<b>Dangerous Goods Class:</b>	Class 3
<b>U.N. Number:</b>	1300
<b>Hazchem Code:</b>	3Y
<b>Packing Group:</b>	III

#### 15. Regulatory Information



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#### National Chemical Inventories

**AICS:** All components listed on the Australian Inventory of Chemical Substances.

#### 16. Other information

##### Date of Preparation or Last Revision of SDS

Based on Suppliers SDS.

This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.