



**MATERIAL SAFETY DATA SHEET**

Not classified as hazardous according to criteria of Work safe Australia.

**RISK PHRASES:** R36/37: Irritation to eyes and respiratory system.

**SAFETY PHRASES:** S25: Avoid contact with eyes. S23: Do not breathe fumes/vapour. S26: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre 131126. S29: Do not empty into drains.

**IDENTIFICATION**

MSDS REF: UNDER BODY

RUST SEALANT

ISSUE DATE: 1<sup>st</sup> August 2013

**PRODUCT NAME:** UNDER BODY RUST SEALANT

**Company Name** MotorOne Group Pty Ltd

**Address** 275 Canterbury Road Canterbury  
VIC 3126 Australia

**Telephone/Fax Tel:** (03) 8809 2700 Fax: (03) 9888 6944

**OTHER NAME:** (WATERBASED UNDER BODY RUST SEALANT)

**USE:** As an under-body protection and rust preventative for automotive rustproofing treatment.

UN Number	NA
Dangerous Good Class	NA
Subsidiary Risk Class	NA
Packaging Group	NA
Hazchem	NA
Poison Schedule	NA
EPG	NA

**PHYSICAL PROPERTIES/DESCRIPTION:**

<b><u>Appearance:</u></b>	Dark brown-black opaque, fluid, characteristic odour	<b>Hazard Category Key</b>
<b><u>Flammability:</u></b>	Not flammable	Xn Harmful
<b><u>Melting Point:</u></b>	0°C	T Toxic
<b><u>Boiling Point:</u></b>	100°C	T+ Very toxic
<b><u>Flash Point:</u></b>	Unknown	Xi Irritant
<b><u>Vapour Pressure:</u></b>	10mm Hg @23°C	C Corrosive
<b><u>Volatiles:</u></b>	40%	C+ Very corrosive
<b><u>Vapour Density</u></b>	Unknown	
<b><u>Flammability Limits</u></b>	Unknown	
<b><u>pH as supplied</u></b>	8.5-10	
<b><u>Specific Gravity:</u></b>	1.24	
<b><u>Solubility in water</u></b>	Miscible only in bulk – once film fully dry insoluble.	

<b><u>HAZARDOUS INGREDIENTS</u></b>	<b><u>CAS Number</u></b>	<b><u>Proportion</u></b>	<b><u>Category</u></b>
Acrylic copolymer	-	10-30%	Xi – irritant
Silicates	[14807-69-6]	30-60%	Xi – irritant
Silicates	[1332-58-7]		Xi – irritant
Bitumen (Petroleum)	[8052-42-4]	<10%	Xi – irritant
Bitumen (Petroleum)	[84742-93-4]	<10%	Xi – irritant
Petroleum hydrocarbons	[64743-01-7]	<10%	Xn – harmful
Petroleum hydrocarbons	[64742-53-6]	<10%	Xi – irritant
Morpholine	[110-91-8]	<1%	Xn – harmful
Polycyclic Aromatic Hydrocarbons (PAH)	various	<0.5%	Carcinogen Cat 2.
Mixed thiazolines	[26172-55-4]	<0.1%	Xi – irritant

Balance of formulation consists of other ingredients determined not to be hazardous.

### **HEALTH EFFECTS:**

**Swallowed:** Practically non-harmful. However ingestion of large amounts may result in abdominal pain, nausea or vomiting.

**Eye:** A mild irritant.

**Skin:** Not irritating to the skin. However repeated or prolonged contact may result in irritation or dermatitis in some individuals.

**Inhalation:** Not normally an inhalation risk at ambient temperature. If misted, may cause respiratory irritation.

### **CHRONIC EXPOSURE**

No data.

### **FIRST AID:**

**Swallowed:** Thoroughly rinse mouth with water. Give water to drink to dilute product. Do NOT induce vomiting. Contact Poisons Information Centre - 131126

**Eye:** Hold eyes open, flood with water for at least 15 minutes including under eyelids. Seek medical advice.

**Skin:** Remove contaminated clothing and wash before re-use. Wash off skin with soap and water. Seek medical assistance if irritation persists.

**Inhalation:** Remove victim from exposure, keep warm and at rest. Avoid becoming a casualty. Seek medical attention.

### **Advice to Doctor.**

### **TOXICITY**

Acrylic copolymer	Not considered toxic –
Silicates (talc)	Not considered toxic – only risk as respirable dust. TWA : 2mg/m <sup>3</sup>
Silicates	Not considered toxic – only risk as respirable dust. TWA: 2mg/m <sup>3</sup>
Bitumen (Petroleum)	Not considered toxic – LD <sub>50</sub> >2000mg/kg.
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Petroleum hydrocarbons	Acute Oral LD <sub>50</sub> (rat)>5g/kg; Acute Dermal LD <sub>50</sub> (rat)>2g/kg (does not contain PAH)
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Morpholine	Oral LD <sub>50</sub> (rat) 1050mg/kg.
PAH	Classed as Carcinogen Category 2.
Mixed thiazolines	Acute LD <sub>50</sub> rat (oral) 3875mg/kg; Acute Dermal LD <sub>50</sub> rat > 5,000mg/kg.

### **PRECAUTIONS FOR USE**

#### **RISK PHRASES:**

**R36/37: Irritating to eyes and respiratory system.**

#### **EXPOSURE LIMITS:**

Not established for the product. However for Morpholine 20ppm 71mg/m<sup>3</sup> TWA. All references regarding petroleum hydrocarbons and bitumen refer specifically to fumes. This product atomised must be controlled - The exposure standard of 5mg/m<sup>3</sup> is believed adequate to protect workers exposed to bitumen fumes. Therefore we recommend 5mg/m<sup>3</sup> be adopted for this product.

#### **VENTILATION:**

Use in well-ventilated area. Control airborne contamination below exposure guidelines using local exhaust at >20m<sup>3</sup>/min.

#### **PERSONAL PROTECTIONS:**

Avoid unnecessary contact as good work practice. Eye Protection – use safety goggles (preferably) or safety glasses. Wash contaminated clothing and protective equipment before storing and re-use. Wash hands before eating, smoking or using the toilet.

#### **ENGINEERING CONTROLS:**

If used in limited ventilation, ensure adequate ventilation to maintain exposure levels are kept below standards, by using a local exhaust.

#### **FLAMMABILITY:**

Product is not flammable.

### **SAFE HANDLING INFORMATION**

#### **SAFETY RISK PHRASES:**

**S25: Avoid contact with eyes. S23: Do not breathe fumes/vapour. S26: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre – 131126. S29: Do not empty into drains.**

#### **STORAGE & TRANSPORT:**

Not classified as a dangerous substance for purpose of transport. Not to be loaded with 'dangerous with wet' substances (Class 4.3), Oxidising Agents (Class 5), or Foodstuffs. Store in cool well ventilated area.

**INCOMPATIBILITY:** Class 4.3, Class 5. Store only in original or approved containers.

**SPILLS:** Contain liquid: Prevent liquid from entering storm water drains, basements or work pits.  
Wear protective goggles to prevent eye contamination.  
Absorb spill with soil/sand and recover material into mild steel drums. Label drums correctly.  
Dispose of in compliance with local government regulations.

**DISPOSAL:** Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.

**HAZARDOUS POLYMERISATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** Will decompose around 170-180°C dependent on time and temperature, resulting in carbon monoxide and carbon dioxide emissions.

**FIRE/EXPLOSION HAZARD:** Nil. Toxic gases oxides of carbon emitted CO<sub>x</sub>. Fire fighters to wear self contained breathing apparatus.

**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide, Dry Chemical Powder, and Water fog.

**AQUATIC TOXICITY:**

**DISCLAIMER:** The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge, however seller makes not warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof. Seller assumes no responsibility for injury to buyer or third persons or for any damage to property. Buyer assumes all risks.

**CONTACT POINT:**

(all hours) POISONS INFORMATION CENTRE Herston Rd, Herson, Bne 131126

Prepared by: Six Star Solutions  
Signed:

Issue Date: 1<sup>st</sup> August 2004  
Print Date: 1<sup>st</sup> August 2013

Supersedes  
REVISION NO. 1