



## SAFETY DATA SHEET

<b>SECTION 1 – Identification</b>		
Product Number and Name	<b>92052</b> Pratlok Studlock Grade 10-20, 50g <b>92081</b> Pratlok Studlock Grade 10-20, 10g	
Recommended use	Anaerobic thread locker	
Manufactured by	Pratley Polymers Manufacturing (Pty) Ltd Jackson Street, Factoria, Krugersdorp, South Africa, 1745 Tel: +27-11-955-2190 Fax: +27-11-955-3918 www.pratley.com	
Sold By	Pratley Exporting (Pty) Ltd	
Street address	Jackson Street, Factoria, Krugersdorp, South Africa, 1745	
Contact details	Tel: +27-11-955-2190 Fax: +27-11-955-3918 www.pratley.com	
Emergency Telephone Number	011-955-2190 during office hours 021-689-5227 after work hours (Poisons Information Centre)	
<b>SECTION 2 – Hazards Identification</b>		
Classification	Not hazardous.	
Hazard Statements	None required.	
Precautionary Statements	Keep out of reach of children. Read the label before use.	
Other Hazards	None known	
<b>SECTION 3 – Composition / Information on Ingredients</b>		
Hazardous Ingredients	%	CAS#
1,4-napthoquinone	<0.1	130-15-4
Cumene hydroperoxide	<1.5	80-15-9
N,N-dimethyl-p-toluidine	<2.5	99-97-8
<b>SECTION 4 – First Aid Measures</b>		
Skin	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.	

Eye	<p>Check for and remove any contact lenses. Immediately flush eyes with lukewarm running water for at least 15 minutes, keeping eyelids open. Do not use an eye ointment. Seek medical attention.</p> <p>Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.</p>	
Inhalation (of vapours)	<p>Allow the victim to rest in a well-ventilated area. Seek medical attention if irritation becomes painful or persists for more than 30 minutes.</p>	
Ingestion (of liquid)	<p>Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.</p>	
Note to physician	<p>Treat symptomatically and supportively.</p>	
<b>SECTION 5 – Fire Fighting Measures</b>		
Flammability	<p>May be combustible at high temperatures.</p>	
Auto-ignition Temperature (°C)	<p>Not done</p>	
Explosion Limits:	<p>Not done</p>	
Suitable extinguishing media	<p>Use water spray, fog or foam.</p>	
Hazardous combustion products	<p>Carbon oxides (CO, CO<sub>2</sub>), halogenated compounds.</p>	
Protective action for fire-fighters	<p>Wear a full fire kit and breathing apparatus.</p>	
<b>SECTION 6 – Accidental Release Measures</b>		
Emergency procedure	<p>Absorb, contain and dispose of.</p>	
Protective equipment required	Skin	Rubber, PVC or nitrile gloves.
	Face / Eyes	Splash goggles.
	Clothing	Full suit and boots.
	Ventilation	Vapour respirator. For large spills, a self-contained breathing apparatus should be used to avoid inhalation of the product.
Environmental precautions	<p>Do not allow release into the environment.</p>	
Containment procedure	<p>Absorb with an inert material and put the spilled material in an appropriate waste disposal. Work with non-sparking tools and avoid ignition sources.</p>	
Clean-up procedure	<p>In accordance with local regulations.</p>	
<b>SECTION 7 – Handling and storage</b>		
Handling	<p>Use only as directed. Do not eat, drink or smoke when working with this product. Work in a well-ventilated area. Wash hands with soap and water after use. Do not return un-used portions to the original container.</p>	
Storage requirements	<p>Keep container tightly sealed in a cool, dry place. Keep away from sources of ignition.</p>	

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Conditions to avoid	Avoid open flames, welding arcs, or other high temperature sources.	
Incompatible materials	Strong oxidizing agents, strong reducing agents, bases powdered metals, especially aluminium and zinc.	
<b>SECTION 8 – Exposure Control / Personal Protection</b>		
Exposure Limits	ACGIH TLV	Not done
	OSHA PEL	Not done
	The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.	
Engineering controls	If used in small amounts, use in a well-ventilated area. If to be used in large amounts, provide exhaust ventilation or other engineering controls.	
Personal Protective Equipment	Skin	None required if used in small amounts. If used in large amounts, rubber, PVC or nitrile gloves and overalls should be used.
	Face / Eye	None required if used in small amounts. If used in large amounts, a face shield should be used.
	Inhalation	No extra protection required if used in small amounts in a well-ventilated area. If used in large amounts or in an area that is not well-ventilated, use an approved respirator / ventilator fitted with a cartridge suitable for organic vapours.
	Ingestion	Do not eat, drink or smoke when working with this product. Do not use in areas designated for food and/or drink.
	Other	Always wash hands with soap and water after use.
<b>SECTION 9 – Physical and Chemical Properties</b>		
Appearance	Red liquid	
Odour	Mild, pleasant	
Odour threshold	Not done	
pH	3 - 6	
Melting / Freezing point	Not done	
Boiling point (initial)	>149°C	
Boiling range	Not available	
Flash point (closed cup)	>93°C	
Evaporation rate	Not available	
Flammability	May be combustible at high temperatures	
Flammability limits	Not available	

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Vapour pressure	<5mmHg at 27°C
Vapour density	Not done
Relative density	1g/ml
Solubility	Insoluble in water.
Partition co-efficient: n-octonal / water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	500 mPa.s at 25°C
<b>SECTION 10 – Stability and Reactivity</b>	
Reactivity	This product is unlikely to react or decompose under normal storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Unlikely
Conditions to avoid	Avoid open flames, welding arcs, or other high temperature sources.
Incompatible materials	Strong oxidizing agents, strong reducing agents, bases, powdered metals, especially aluminium and zinc.
Hazardous decomposition products	Carbon oxides (CO, CO <sub>2</sub> ), halogenated compounds.
<b>SECTION 11 – Toxicological Information</b>	
Acute toxicity	LD <sub>50</sub> (oral – calculated, rat): >6836mg/kg LD <sub>50</sub> (dermal – calculated, rabbit): >5959mg/kg
Skin corrosion / irritation	Based on human experience; non-irritant.
Serious eye damage / irritation	Based on human experience; non-irritant
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	Does not contain any known carcinogens
Reproductive toxicity	No data available
STOT – single exposure	No data available
STOT – repeated exposure	No data available
Aspiration hazard	Treat as ingestion
<b>SECTION 12 – Ecological Information</b>	
Toxicity	Not classified
Persistence and degradability	No data available
Bio-accumulative potential	No data available

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Mobility in soil	Mobile in soil	
Other adverse effects	No data available	
<b>SECTION 13 – Disposal Considerations</b>		
Small spills (during personal use)	In accordance with local regulations.	
Large spills	In accordance with local regulations. In many areas, immediate reporting of spillage must be made to local authorities.	
Special precautions- incineration	Wear self-contained breathing apparatus. See Section 5 – Fire Fighting Measures.	
Special precautions for landfill	None known	
Disposal container	Not available	
<b>SECTION 14 – Transport Information</b>		
UN Number	Not hazardous	
UN Proper Shipping Name	None required	
Transport Hazard Class	None required	
Packing Group	None required	
Environmental Hazard	Not hazardous	
Special precautions	None specified	
MARPROL 73/78	Not applicable as not transported in bulk.	
IBC Code	Not applicable as not transported in bulk.	
<b>SECTION 15 – Regulatory Information</b>		
Montreal Protocol	No data available	
Stockholm Convention	No data available	
Rotterdam Convention	No data available	
Safety Regulations	Keep out of reach of children. Read the label before use.	
Health Regulations	May be harmful in contact with skin. Call a doctor if you feel unwell.	
Environmental Regulations	Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with local regulations.	
<b>SECTION 16 – Other Information</b>		
Date prepared	2015.06.08	
Changes from previous version	Update UN Number and re-assess hazard with GHS system.	
Key to abbreviations	UN	United Nations
	MARPROL	International Convention for the prevention of Pollution from Ships

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	IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code)
	Montreal Protocol	Montreal Protocol on Substances that deplete the Ozone Layer
	Stockholm Convention	Stockholm Convention on Persistent Organic Pollutants
	Rotterdam Convention	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade