

# WICKING THREADLOCKER

## Material Safety Data Sheet

This material is hazardous according to criteria of Safe Work Australia  
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

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

**Product Name:** DYNAGRIP WICKING THREADLOCKER –10mL, 50mL  
**Supplier:** AFC International Pty. Ltd.  
**ABN:** 76 082 316 783  
**Street Address:** 21-23 Hobart Street,  
Riverstone,  
New South Wales 2765  
Australia  
**Telephone Number:** +61 2 9627 7125  
**Facsimile:** +61 2 9627 7126  
**Email:** sales@dynagrip.com.au

**Part Number:** 10290, 50290

**Issued:** 07/11/2013

**Version** 5

### 2. Hazards identification

Harmful (Xn)

**Threshold Limit Value:** No Criteria for Measurement. Not yet established.

**Risk Phrases:** Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Prolonged skin contact may result in dermatitis in sensitive people.

**Poisons Schedule:** S5 Caution

### 3. Composition/Information on Ingredients

**Product Description:** Low Viscosity Threadlocker. The wicking action of the product searches into voids in locking PRE-ASSEMBLED parts into place.

- Resistant to Oil, Water, Transmission Fluids, Glycol Products and Mild Acids
- Works within a temperature range of –53C to +148C.
- Breakaway torque of >20 inch lbs.
- Gap fill max 0.0008”

COMPOSITION	%	CAS #
Methylacrylate Monomer	85-90	25852-47-5
Cumene Hydroperoxide	5-8	80-15-9
Saccharin	2-5	81-07-2
Alkyl toluidine	1-5	613-48-9
Aromatic Amine	<1	6029-72-3

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## 4. First-aid measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

**Skin:** Wash with soap and water.

**Inhalation:** Remove victim to fresh air.

**Eye Contact:** Flush with warm water for 15 minutes.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

## 5. Fire-fighting measures

**Flash Point:** >100C

**Specific Hazards:** On burning will emit irritating organic vapours

**Fire-fighting advice:** Use self contained breathing apparatus

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, water.

## 6. Accidental release measures

**SMALL SPILLS:** Use cautious judgement when cleaning spills. Soak up with an inert absorbent. Sweep up or scrape up and dispose as dry waste. Wear protective equipment to prevent skin and eye contact.

**LARGE SPILLS:** Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Soak up with an inert material such as clay or sand. Sweep or scrape up and dispose as dry waste. Collect and seal in properly labelled containers or drums for disposal.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

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## 7. Handling and storage

**Handling advice:** Avoid skin and eye contact.

**Storage advice:** Store in cool place and out of direct sunlight. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. Exposure controls/personal protection

### Engineering Control Measures:

Use in well ventilated areas. Keep containers closed when not in use.

### Personal Protective Equipment:

**Respiratory Protection:** None needed for normal use. In enclosed spaces wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

**Ventilation:** Use only with adequate ventilation. Local exhaust is recommended. Mechanical exhaust should be used for confined spaces.

**Protective Gloves:** Chemical resistant gloves such as Polyethylene or rubber. Barrier creams are recommended.

**Eye Protection:** Approved safety glasses or goggles with side shields

**Protective Clothing:** Coveralls.

## 9. Physical and chemical properties

<b>Physical state:</b>	Green clear liquid
<b>Odour:</b>	Mild organic odour
<b>Specific Gravity:</b>	>1.00
<b>Relative Vapour Density (air=1):</b>	Heavier than Air
<b>Vapour Pressure (26C):</b>	<5 (mmHg)
<b>Flash Point (oC):</b>	>100C
<b>% Non Volatile</b>	97
<b>Solubility in water (g/L):</b>	Slight
<b>Boiling Point/Range (oC):</b>	>200C (392F)
<b>Evaporation Rate:</b>	Low

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## 10. Stability and reactivity

Stable under normal conditions

**Hazardous Decomposition Products:** None.  
**Hazardous Polymerisation:** May occur  
**Conditions to avoid:** Temperatures in excess of 65C

## 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** Swallowing can result in nausea and gastrointestinal irritation.  
**Eye contact:** An eye irritant.  
**Skin contact:** A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.  
**Inhalation:** Material may be irritant to the mucous membranes of the respiratory tract (airways). Asthma like systems may develop.

**Long Term Effects:**  
No information available for the product.

**Toxicological Data:**  
No LD50 data available for the product.

## 12. Ecological information

Avoid contaminating waterways. May be toxic to some fauna.

## 13. Disposal considerations

Landfill incinerate in accordance with EPA and local Regulations  
Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

## 14. Transport information

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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## 15. Regulatory information

**Classification:** This material is hazardous according to criteria of NOHSC.

Xn : Harmful,

<b>Risk Phrase(s):</b>	R36/37/38:	Irritating to eyes, respiratory system and skin.
	R23/24/25:	Toxic by inhalation, in contact with skin and if swallowed.
	R41:	Risk of serious damage to eyes.
<b>Safety Phrase(s):</b>	S24/25:	Avoid contact with skin and eyes.
	S26:	In case of contact with eyes, rinse immediately with plenty of water and seek Medical advice.
	S28:	After contact with skin, wash immediately with plenty of soap and water.
	S36/S37/S39:	Wear suitable protective clothing, gloves, eye and face protection.

**Poisons Schedule:** S5 Caution.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. Other information

**Contact Point:** AFC International P/L Technical Department

**Phone:** 61 2 9627 7125 (International) Local 02 9627 7125

**Fax:** 61 2 9627 7126 (International) Local 02 9627 7126

**Reason for Issue:**

Revision of Primary MSDS

This MSDS summarises to the best of the knowledge of AFC International Pty. Ltd. at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since AFC International Pty. Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact AFC International Pty. Ltd at the contact details on page 1.