

DYNAGRIP PIPE SEALANT

Material Safety Data Sheet

This material is hazardous according to criteria of NOHSC
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 PIPE SEALANT – 50mL

Supplier: AFC International Pty. Ltd.
ABN: 76 082 316 783
Street Address: 21-23 Hobart Street,
Riverstone,
New South Wales 2765
Australia

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Part Number: 50567

Issued: 07/11/2013

Version 3

Product Description: An anaerobic sealant for pipes
Sealant

2. Hazards identification

Harmful (Xi)

Threshold Limit Value: No Criteria for Measurement. Not yet established. Estimated 2ppm

Risk Phrases: Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Prolonged and repeated overexposure to vapours may produce allergic reactions with asthma-like systems symptoms in sensitive individuals.

3. Composition/Information on Ingredients

Composition	%	CAS#
Polyester Resin	15-40	Trade secret
Polyglycol Dimethacryate	15-40	25852-47-5
Tetraethylene Glycol Dioctanoate	10-30	18268-70-7
Fluoropolymer	3-7	Trade secret
Titanium Dioxide	1-5	13463-67-7
Cumene Hydroperoxide	1-5	80-15-9
Saccharin	1-5	81-07-2
Amorphous treated silica	1-5	112945-52-5
Unsaturated polyester	0.5-2.5	Trade secret
Methyl Alcohol	0.1-1	67-56-1
Cumene	0.1-1	98-82-8
N,N-Dialkyltoluidine	0.1-1	613-48-9
Optical brightener	0.1-1	Trade secret

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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: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove victim to fresh air. If signs/symptoms develop, seek medical attention.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Apply warm water to mouth. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. Fire-fighting measures

Autoignition temperature: No data available.

Flash Point >95 C (TCC)

Flammable limits -LEL No data available

Flammable limits -UEL No data available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agent (eg., dry chemical, carbon dioxide.)

Unusual fire and explosion Hazards: None are anticipated

Keep surfaces cool

Wear full protective gear and self contained breathing apparatus

6. Accidental release measures

.SMALL SPILLS: Use cautious judgement when cleaning spills. Flood with water and 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. Flush area with water spray to remove residue. Dispose of flush legally.

LARGE SPILLS: Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Flood with water to polymerise (cure) and 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. If contamination of sewers or waterways has occurred advise local emergency services. Classified as a CI (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

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. Do not eat, drink, or smoke when using this product. Wash exposed areas with soap and water when using this product. Avoid breathing, etc., vapours.

Storage advice: Store in cool place and out of direct sunlight. Store away from foodstuffs. Store away from oxidising agents and incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

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

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering Control Measures:

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

Personal Protective Equipment:

Respiratory Protection: 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 can be used as a back up system.

Protective Gloves: Chemical resistant gloves such as Polyethylene. Do not use rubber or cotton.

Eye Protection: Approved safety glasses or goggles with side shields

Protective Clothing: Polyethylene/Polypropylene coats or aprons. Do not use rubber or cotton.

9. Physical and chemical properties

Physical state:	White paste with mild odour (may be a liquid at warm temps)
Specific Gravity:	1.12
Relative Vapour Density (air=1):	Less than 0.2mm at 27C
Vapour Pressure (26C):	not available
Flash Point (oC):	85
% Volatile	~3%
Solubility in water (g/L):	Nil
Boiling Point/Range (oC):	>149
Evaporation Rate:	NA

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10. Stability and reactivity

Stable under normal conditions

Conditions to avoid: Reducing agents strong oxidising agents.

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:

Long Term Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product.

12. Ecological information

Avoid contaminating waterways.

13. Disposal considerations

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.
Xi: Irritant

Risk Phrase(s): R36/38: Irritating to eyes and skin.
R42: May cause SENSITISATION by inhalation
R43: May cause SENSITISATION by skin contact

Safety Phrase(s): 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.