

WEATHERSTRIP ADHESIVE

Material Safety Data Sheet

This material is hazardous according to criteria of NOHSC

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail, IMDG Code for transport by sea and by IATA Dangerous Code for air transport..

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

Product Name: DYNAGRIP WEATHERSTRIP ADHESIVE – 50ml Tube.

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: 49429

Issued: 07/11/2013

Version 5

Product Description: DynaGrip Weatherstrip Adhesive is a black liquid of brushing viscosity. It forms a strong, permanent bond between the following materials: Rigid PVC Sheet, Polyurethane foams of the Polyester and Polyether types, Supported leather cloths, Leather, Polyester Glass Fibre, Rubber Sheet, Hardboard, Chipboard, Wood, Painted or Unpainted Metals, Rigid Laminated Plastics, Furniture, Footwear and much more. Made in Australia.

2. Hazards identification

Flammable: (F)

Harmful: (Xn)

EMERGENCY OVERVIEW: Harmful if inhaled swallowed, or absorbed through skin. Components in this product may exert toxic effect through skin absorption. Toluene has narcotic effect on the nervous system.

Risk Phrases: Irritating to eyes, skin and respiratory system.
Toxic by inhalation, skin contact and ingestion. Target organs - nervous system, liver, lungs, kidneys. Primary entry routes: Skin absorption and inhalation
Highly flammable

3. Composition/Information on Ingredients

COMPOSITION	%	CAS #
Toluene	10-30	108-88-3
Hexane Isomers	<30	Not Applicable
n - Hexane	<50%	110-54-3
Ketone	<50%	Not Applicable

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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 area with soap and water. Seek medical attention if irritation persists.
- Inhalation:** Remove victim to fresh air. If not breathing give artificial respiration. Seek medical attention.
- Eye Contact:** Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.
- Ingestion:** If swallowed and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF. **Keep head below hips to prevent aspiration into lungs. NEVER GIVE** unconscious victim anything by mouth. Contact a doctor or Poisons Information Centre immediately while keeping victim at rest. (Aust. Ph: 131 126)
- Note to physician:** Treat symptomatically. Effects may be delayed. Extreme care must be taken to prevent aspiration

5. Fire-fighting measures

- Specific Hazards:** Highly flammable liquid **FLASH POINT: -1C to 5C. TCC**
- Extinguishing Media:** Carbon Dioxide, (CO₂), Dry Chemical, Foam
- Unusual Fire and Explosion Hazards:** Take precautions against static electricity discharges. Earth and bond all process equipment, including tanks and drums. Ensure adequate ventilation to prevent an explosive vapour/air mixture. Vapours are heavier than air and can collect in low areas and travel considerable distances to source of ignition and cause flash backs
- Fire-fighting equipment:** Fire fighters to wear self-contained breathing apparatus with full face piece operated in positive pressure mode
- Fire Fighting Instructions:** Containers can build up pressure and explode if exposed to fire. Containers should be **cooled** with water spray.

6. Accidental release measures

Clear area of all unwanted persons. Extinguish or remove all sources of ignition and shut off source of leak if safe to do so. Dyke and contain spill with absorbent inert material (vermiculite, dry sand or earth), using non sparking tools and equipment. Do not use combustible materials such as sawdust. Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste. Do not flush or allow spillage to enter into drains sewers or watercourses - inform local authority if this occurs. Wear protective equipment to prevent skin and eye contact and breathing in vapours.

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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. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Classified as a C3 (FLAMMABLE 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:

Toluene: TWA 100ppm (377mg/m³) STEL 150ppm (565mg/m³)

Hexane (n-Hexane): TWA 50ppm (176mg/m³) STEL not available

All as listed by the National Occupational Health & Safety Commission.

Engineering Control Measures:

Use in well ventilated areas. If risk of over exposure, use mechanical exhaust system or wear appropriate vapour mask. Use only flame-proof equipment. Keep containers closed when not in use. Beware not to generate an explosive gas atmosphere. **DO NOT SMOKE** when using.

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 strongly recommended. Mechanical exhaust can be used as a back up system. See above re use of fully flame proofed equipment.

Protective Gloves: Chemical resistant gloves such as Nitrile Rubber should be used for intermittent contact.

Eye Protection: Approved safety glasses or goggles with side shields

Protective Clothing: Wear impervious protective clothing to prevent skin contact. Wash before re-use. Do not eat or drink until hands washed thoroughly.

9. Physical and chemical properties

Physical state:	Black liquid with typical hydrocarbon odour
Specific Gravity:	0.87 approx
Vapour Pressure (15C):	34.5 kPa
Flash Point (oC):	< -30
Boiling Point:	IBP: 47C, FBP: 120C
Solubility in water (g/L):	Insoluble
Flammability Limits:	Upper: 7.5%, Lower 1.2%

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10. Stability and reactivity

Stable under normal conditions but is a Highly Flammable Liquid.

Conditions to avoid: Isolate from sources of heat, naked flames, sparks and strong oxidising agents.
Take precautions against static electrical charges.
Ensure adequate ventilation to prevent an explosive vapour-air mixture.

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: Frequent contact with skin will result in marked irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis. Toxic vapours are absorbed through the skin.
Inhalation: Material will cause irritation to the respiratory system.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Long Term Effects:
No information available for the product.

Toxicological Data:
No LD50 data available for the product.

12. Ecological information

No ecotoxicity data is available for this specific product.

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

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail, IMDG Code for transport by sea and by IATA Dangerous Code for air transport..

Dangerous Goods	3; Flammable liquid
Packaging Group	II
Shipping name:	ADHESIVES containing flammable liquid.
UN Number	1133
Hazchem code	3[Y]E
EPG	3A1
Poison schedule	S5

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15. Regulatory information

Classification:	This material is hazardous according to criteria of NOHSC. Xn: Harmful	
Risk Phrase(s):	R11:	Highly Flammable
	R20:	Harmful by Inhalation
	R38:	Irritating to eyes, respiratory system and skin
Safety Phrase(s):	S2:	Keep out of reach of Children
	S16:	Keep away from sources of ignition – no smoking
	S23:	Do not breathe gas/fumes/vapour/spray
	S24/25:	Avoid contact with skin and eyes.
	S33:	Take precautionary measures against static discharges
	S36/S37/S39:	Wear suitable protective clothing, gloves, eye and face protection.
	S38:	In case of insufficient ventilation, wear suitable respiratory equipment
	S43:	In case of fire use only dry powder, foam or CO2
	S44:	If you feel unwell contact Doctor or Poisons Information Centre (Show label where possible).
	S51:	Use only in well ventilated areas
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.