



# Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2018

Revision: 21.12.2022

## 1 Identification

**Product Name: DYNAGRIP WEATHERSTRIP & TRIM ADHESIVE P/N 49429****Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:**

Adhesive. Forms strong bonds between PVC sheets, polyurethane foams of the polyester and polyether types, supported leather cloth, leather, polyester glass fibre, rubber sheet, hardboard, chipboard, wood, painted and unpainted metal, rigid laminated plastic, furniture and footwear.

**Details of Manufacturer or Importer:**

AFC International Pty Ltd  
21-23 Hobart Street  
Riverstone NSW 2765

**Phone Number:** +61 2 9627 7125**Emergency telephone number:** +61 2 9627 7125

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



flame

Flammable Liquids 2

H225

Highly flammable liquid and vapour.



health hazard

Toxic To Reproduction 2

H361

Suspected of damaging fertility or the unborn child.

STOT RE 2

H373

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard 1

H304

May be fatal if swallowed and enters airways.



environment

Aquatic Acute 1

H400

Very toxic to aquatic life.

Aquatic Chronic 1

H410

Very toxic to aquatic life with long lasting effects.



Skin Corrosion/Irritation 2

H315

Causes skin irritation.

Serious Eye Damage/Irritation 2A

H319

Causes serious eye irritation.

STOT SE 3

H335-H336

May cause respiratory irritation. May cause drowsiness or dizziness.

**Signal Word** Danger

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**Hazard Statements**

- H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H304 May be fatal if swallowed and enters airways.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

- P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P240 Ground/bond container and receiving equipment.  
 P241 Use explosion-proof electrical/ventilating/lighting equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P314 Get medical advice/attention if you feel unwell.  
 P321 Specific treatment (see on this label).  
 P331 Do NOT induce vomiting.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: Use to extinguish: CO<sub>2</sub>, powder or water spray.  
 P391 Collect spillage.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

**Additional Information** AUH066 Repeated exposure may cause skin dryness or cracking.**3 Composition and Information on Ingredients****Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

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**Product Name: DYNAGRIP WEATHERSTRIP & TRIM ADHESIVE P/N 49429**

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Hazardous Components:		
78-93-3	2-Butanone ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335-H336	20 - 30%
110-82-7	Cyclohexane ⚠ Flammable Liquids 2, H225; ⚠ Aspiration Hazard 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Corrosion/Irritation 2, H315; STOT SE 3, H336	20 - 30%
110-54-3	Hexane ⚠ Flammable Liquids 2, H225; ⚠ Toxic To Reproduction 2, H361; STOT RE 2, H373; Aspiration Hazard 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Corrosion/Irritation 2, H315; STOT SE 3, H336	20 - 30%

## 4 First Aid Measures

### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

### Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention.

### Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention.

### Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation. May cause drowsiness and dizziness.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed. May cause gastrointestinal irritation and nausea. May be fatal if swallowed and enters airways.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Alcohol-resistant foam, dry chemical or carbon dioxide.

### Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and nitrogen and other irritating organic vapours. Highly flammable liquid. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

### Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

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## 6 Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

### Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

### Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Scrape up cured material.

## 7 Handling and Storage

### Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

### Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acids. Avoid temperatures above 30 °C.

## 8 Exposure Controls and Personal Protection

### Exposure Standards:

#### 78-93-3 2-Butanone

WES	STEL: 890 mg/m <sup>3</sup> , 300 ppm
	TWA: 445 mg/m <sup>3</sup> , 150 ppm

#### 110-82-7 Cyclohexane

WES	STEL: 1050 mg/m <sup>3</sup> , 300 ppm
	TWA: 350 mg/m <sup>3</sup> , 100 ppm

#### 110-54-3 Hexane

WES	TWA: 72 mg/m <sup>3</sup> , 20 ppm
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### Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

### Respiratory Protection:

Use an approved organic vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

### Skin Protection:

Chemical resistant neoprene or nitrile rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards

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the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Thixotropic paste
<b>Colour:</b>	No information available
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	-23 °C
<b>Flammability:</b>	Highly flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	Not applicable
<b>Relative Density:</b>	~0.79
<b>Vapour Density:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	Not determined

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No information available

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.

**Incompatible Materials:** Strong oxidising agents and acids.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen and other irritating organic vapours.

### 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****78-93-3 2-Butanone**

Oral	LD <sub>50</sub>	3,460 mg/kg (rat)
Dermal	LD <sub>50</sub>	>8050 mg/kg (rabbit)

**110-82-7 Cyclohexane**

Oral	LD <sub>50</sub>	>5000 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rabbit)

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Inhalation	LC <sub>50</sub> /4 h	>19070 mg/m <sup>3</sup> (rat)
<b>110-54-3 Hexane</b>		
Oral	LD <sub>50</sub>	15,720 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2,000 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	17,600 mg/m <sup>3</sup> (rat)

**Acute Health Effects****Inhalation:** May cause respiratory irritation. May cause drowsiness and dizziness.**Skin:** Causes skin irritation.**Eye:** Causes serious eye irritation.**Ingestion:**

May be harmful if swallowed. May cause gastrointestinal irritation and nausea. May be fatal if swallowed and enters airways.

**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

May cause respiratory irritation.

May cause drowsiness and dizziness.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available**12 Ecological Information****Ecotoxicity:****Aquatic toxicity:**

Very Toxic to aquatic life with long lasting effects.

**78-93-3 2-Butanone**EC<sub>50</sub>/48 h 308 mg/l (crustacea)EC<sub>50</sub>/72 h 1,972 mg/l (algae)LC<sub>50</sub>/96 h 2,993 mg/l (fish)**110-82-7 Cyclohexane**EC<sub>50</sub>/48 h 0.93 mg/l (crustacea)EC<sub>50</sub>/72 h 9.32 mg/l (algae)LC<sub>50</sub>/96 h 4.53 mg/l (fish)

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<b>110-54-3 Hexane</b>	
EC <sub>50</sub> /48 h	>3.5 mg/l (crustacea)
LC <sub>50</sub> /96 h	>1,000 mg/l (fish)

**Persistence and Degradability:**

This product is not expected to be persistent based on information available for the components.  
All ingredients are readily biodegradable.

**Bioaccumulative Potential:**

Bioaccumulation is not expected to occur.  
Cyclohexane has a BCF of 31 - 102.  
Hexane has a BCF of 500.

**Mobility in Soil:** No further relevant information available.

**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

<b>UN Number</b>	UN1133
<b>ADG, IMDG, IATA</b>	
<b>Proper Shipping Name</b>	ADHESIVES containing flammable liquid
<b>ADG, IMDG, IATA</b>	
<b>Dangerous Goods Class</b>	3 Flammable liquids.
<b>ADG Class:</b>	
<b>Packing Group:</b>	II
<b>ADG, IMDG, IATA</b>	
<b>Marine pollutant:</b>	Yes Symbol (fish and tree)
<b>EMS Number:</b>	F-E,S-D
<b>Hazchem Code:</b>	•3YE
<b>Limited Quantities:</b>	5L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC02
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	PP1
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T4
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP1, TP8

## 15 Regulatory Information

<b>Australian Inventory of Chemical Substances:</b>	
78-93-3	2-Butanone
110-82-7	Cyclohexane

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110-54-3 | Hexane

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 5

### 16 Other Information

**Date of Preparation or Last Revision:** 21.12.2022**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 2: Flammable liquids – Category 2

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Toxic To Reproduction 2: Reproductive toxicity – Category 2

Toxic To Reproduction 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aspiration Hazard 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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