



# Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 14.03.2024

## 1 Identification

**Product Name: DYNAGRIP BRUSH ON ELECTRICAL TAPE BLACK 118mL - 49433****Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Plastic coating**Details of Manufacturer or Importer:**AFC International Pty Ltd  
21-23 Hobart St  
Riverstone NSW 2765**Phone Number:** 02 9627 7125**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 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.



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

STOT SE 3

H336 May cause drowsiness or dizziness.

**Signal Word** Danger**Hazard Statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Precautionary Statements**

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

P312 Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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P370+P378 In case of fire: Use to extinguish: CO<sub>2</sub>, powder or water spray.  
 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.

#### Hazardous Components:

CAS: 79-20-9	Acetic acid, methyl ester  Flammable Liquids 2, H225;  Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H336	30 - 40%
CAS: 67-64-1	Acetone  Flammable Liquids 2, H225;  Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H336	25 - 35%
CAS: 67-56-1	Methanol  Flammable Liquids 2, H225;  Acute Toxicity (Oral) 3, H301; Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 3, H331;  STOT SE 1, H370	<0.1%

### 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 occur.

#### Eye Contact:

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

#### Ingestion:

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

#### Symptoms Caused by Exposure:

Inhalation: May cause drowsiness and dizziness. May cause respiratory irritation, Central Nervous System (CNS) depression and visual disturbances.

Skin Contact: May cause skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause CNS depression similar to inhalation.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog, foam, dry chemical, halon or carbon dioxide.

#### Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and various hydrocarbons.

Product is highly flammable. Vapours are heavier than air and 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

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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.

### 6 Accidental Release Measures

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

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. 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. Use only non-sparking tools.

### 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 outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Do not cut, weld, grind or heat full or empty containers. 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 container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Protect from freezing. Keep away from strong oxidising agents, strong acids, amines, polymerisation initiators, alumina and silica gel.

Do not store at temperatures above 52 °C.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 79-20-9 Acetic acid, methyl ester**

WES	STEL: 757 mg/m <sup>3</sup> , 250 ppm TWA: 606 mg/m <sup>3</sup> , 200 ppm
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**CAS: 67-64-1 Acetone**

WES	STEL: 2375 mg/m <sup>3</sup> , 1000 ppm TWA: 1185 mg/m <sup>3</sup> , 500 ppm
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**CAS: 67-56-1 Methanol**

WES	STEL: 328 mg/m <sup>3</sup> , 250 ppm TWA: 262 mg/m <sup>3</sup> , 200 ppm Sk
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**Engineering Controls:** Ensure adequate ventilation of the working area.

**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.

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**Skin Protection:**

Impervious 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 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 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Paste
<b>Colour:</b>	Black
<b>Odour:</b>	Sweet pungent odour
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	-94 °C
<b>Initial Boiling Point/Boiling Range:</b>	56.1 °C
<b>Flash Point:</b>	-17 °C
<b>Flammability:</b>	Highly flammable. Not applicable.
<b>Auto-ignition Temperature:</b>	465 °C
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	2 Vol %
<b>Upper:</b>	12.8 Vol %
<b>Vapour Pressure at 20 °C:</b>	241 hPa
<b>Density:</b>	0.99 g/cm <sup>3</sup>
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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

**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces and direct sunlight.

**Incompatible Materials:**

Strong oxidising agents, strong acids, amines, polymerisation initiators, alumina and silica gel.

**Hazardous Decomposition Products:** Oxides of carbon.

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## 11 Toxicological Information

### Toxicity:

LD <sub>50</sub> /LC <sub>50</sub> Values Relevant for Classification:		
<b>CAS: 79-20-9 Acetic acid, methyl ester</b>		
Oral	LD <sub>50</sub>	6,482 mg/kg (rat) 3,705 mg/kg (rabbit)
<b>CAS: 67-64-1 Acetone</b>		
Oral	LD <sub>50</sub>	5,800 mg/kg (rat)
Dermal	LD <sub>50</sub>	>7,426 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	30,000 ppm (rat)
<b>CAS: 67-56-1 Methanol</b>		
Oral	LD <sub>50</sub>	5,628 mg/kg (rat)
Dermal	LD <sub>50</sub>	15,800 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	83.8 mg/l (rat)

### Acute Health Effects

#### Inhalation:

May cause drowsiness and dizziness. May cause respiratory irritation, CNS depression and visual disturbances.

**Skin:** May cause skin irritation.

**Eye:** Causes serious eye irritation.

**Ingestion:** May cause CNS depression similar to inhalation.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**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:

Vinyl chloride-vinyl acetate copolymers are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause drowsiness and dizziness.

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

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

#### Chronic Health Effects:

Repeated exposure may cause skin dryness or cracking.

Repeated exposure may cause weight loss, CNS depression and pulmonary irritation.

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:** No information available

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## 12 Ecological Information

**Ecotoxicity:**

<b>Aquatic toxicity:</b>	
<b>CAS: 79-20-9 Acetic acid, methyl ester</b>	
EC <sub>50</sub> /48 h	1,026.7 mg/l (daphnia)
LC <sub>50</sub> /96 h	295-348 mg/l (fathead minnow)
<b>CAS: 67-64-1 Acetone</b>	
EC <sub>50</sub> /48 h	12,600 mg/l (daphnia)
LC <sub>50</sub> /96 h	4,740-6,330 mg/l (rainbow trout)
<b>CAS: 67-56-1 Methanol</b>	
LC <sub>50</sub> /96 h	13,500-17,600 ppm (Iepomis macrochirus)
	19,500-20,700 ppm (rainbow trout)
LC <sub>50</sub> /96 h	28,200 mg/l (fathead minnow)

**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**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>	UN1866
<b>ADG, IMDG, IATA</b>	
<b>Proper Shipping Name</b>	RESIN SOLUTION
<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>EMS Number:</b>	F-E,S-E
<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

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## 15 Regulatory Information

### Australian Inventory of Chemical Substances:

CAS: 79-20-9	Acetic acid, methyl ester
CAS: 67-64-1	Acetone
CAS: 9003-22-9	Acetic acid, ethenyl ester, copolymer with chloroethene
CAS: 68515-49-1	1,2-Benzenedicarboxylic acid, branched alkyl esters
CAS: 67-56-1	Methanol

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

Poisons Schedule: 5

## 16 Other Information

**Date of Preparation or Last Revision:** 14.03.2024**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

Acute Toxicity (Oral) 3: Acute toxicity – Category 3

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

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

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

### 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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