

SAFETY DATA SHEET

MAC Tail Paint (& Animal Marker aerosol)

SECTION 1: Identification: Product identifier and chemical identity**Product identifier**

Product name MAC Tail Paint

Relevant identified uses of the substance or mixture and uses advised against

Uses: Animal marking aerosol spray
 Uses advised against: No specific uses advised against are identified.

Details of the supplier of the safety data sheet

| | |
|--------------------------------------------------------|-----------------------------|
| MAC [®] | |
| 5A Tayet Link | New Zealand address |
| Bibra Lake, WA 6163 | 1B Chinook Place |
| Tel, +61 8 9434 0000 | Hornby Christchurch NZ 8042 |
| Fax +61 8 9434 0011 | Tel, + 64 3 349 8282 |
| www.heiniger.com | Fax + 64 3 349 8292 |

Emergency telephone number Australia 131 126; New Zealand 0800 764 766

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

| | | |
|-----------------------|--------------------------|-------------------------------|
| Physical hazards | Flammable Aerosol – H223 | Press. Gas, Compressed - H280 |
| Health hazards | Skin Irrit. 2 – H315 | STOT SE 3 - H336 |
| Environmental hazards | Aquatic Chronic 2 - H411 | |

Label elements Pictogram



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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word | Warning |
| Hazard statements | H223 Flammable aerosol. H280 Contains gas under pressure; may explode if heated H319 Causes serious eye irritation. H315 Causes skin irritation. H361d - Suspected of damaging the unborn child. H412 Harmful 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.
 P211 Do not spray on an open flame or other ignition source.
 P251 Pressurized container: Do not pierce or burn, even after use. P264 Wash contaminated skin thoroughly after handling.
 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 or doctor/ physician. P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P308+P313 IF exposed or concerned: Get medical advice/ attention. P321 Specific treatment (see medical advice on this label). P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash before reuse. P405 Store locked up.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P412 Do not expose to temperatures exceeding 50°C.

P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition and information on ingredients

| Substance name | CAS number | Content (%) |
|------------------------------------------------|--------------------|-------------|
| Butane / propane | 106-97-8 & 74-98-6 | 30 – 60 |
| Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | 30 -60 |
| hexane (containing < 5 % n-hexane (203-777-6)) | 110-54-3 | 10 - 30 |
| Toluene | 108-88-3 | 1 - 5 |

SECTION 4: First aid measures

Description of first aid measures

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| General information | If poisoning occurs, contact a Poison Information Centre. Phone Australia 131 126, New Zealand 0800 764 766 |
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place. |
| Ingestion | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention. |
| Skin Contact | Rinse with water. |
| Eye contact | Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

Most important symptoms and effects, both acute and delayed

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect. |

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| Ingestion | Due to the physical nature of this product, it is unlikely that ingestion will occur. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Eye contact | Irritating to eyes. |

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media - Do not use water jet as an extinguisher, as this will spread the fire. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant.

Hazardous combustion products - Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used**Precautions for safe handling****Usage precautions**

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. May cause cancer. May cause genetic defects. Suspected of damaging the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.

Advice on general occupational hygiene:

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Conditions for safe storage, including any incompatibilities

Storage precautions

Store locked up. Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50° C.

Storage class

Miscellaneous hazardous material storage.

Specific end use(s)

The identified uses for this product are detailed in Section 1

SECTION 8: Exposure controls and personal protection**Exposure Limits**

Safework Australia Workplace Exposure Standards: Hexane = 20 ppm (TWA)
Toluene = 50 ppm (TWA).

Control parameters

Exposure controls Protective equipment

**Appropriate engineering controls**

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients

Eye/face protection Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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|---------------------|----------------------------------------------|
| Appearance: | Aerosol spray paint Viscous Opaque Liquid |
| Colour: | Red or blue or green or orange or purple |
| Odour: | Characteristic solvent odour |
| Flash point: | -60°C |

SECTION 10: Stability and reactivity

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| Reactivity | There are no known reactivity hazards associated with this product. |
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. |
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
| Conditions to avoid | Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated |
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - oral

Oral LD₅₀ Based on available data the classification criteria are not met.

Acute toxicity - dermal

Dermal LD₅₀ Based on available data the classification criteria are not met.

Acute toxicity - inhalation

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|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation LC ₅₀ | Based on available data the classification criteria are not met. |
| Skin corrosion/irritation | |
| Animal data | Irritating |
| Serious eye damage/irritation | |
| | Based on available data the classification criteria are not met. |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| Skin sensitisation | Based on available data the classification criteria are not met. |
| Germ cell mutagenicity | |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
| Carcinogenicity | |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| IARC carcinogenicity | None of the ingredients are listed or exempt. |
| Reproductive toxicity | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. |
| Reproductive toxicity – development: | Suspected of damaging the unborn child. |
| Specific target organ toxicity - single exposure | |
| | Based on available data the classification criteria are not met. |
| Specific target organ toxicity - repeated exposure | |
| STOT - repeated exposure | Not classified as a specific target organ toxicant after repeated exposure. |
| Aspiration hazard | |
| Aspiration hazard | Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonitis may be the result if vomited material containing solvents reaches the lungs. |
| General information | Avoid contact during pregnancy/while nursing. May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. May cause genetic defects. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | Spray/mists may cause respiratory tract irritation. |
| Ingestion | Due to the physical nature of this product, it is unlikely that ingestion will occur. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. |
| Skin Contact | Redness. Irritating to skin. |
| Eye contact | May be slightly irritating to eyes. May cause discomfort. |
| Route of entry | Ingestion Inhalation Skin and/or eye contact |
| Target Organs | No specific target organs known. |

SECTION 12: Ecological Information

Toxicity Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

1,2-dichlorobenzene

Toxicity Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

Persistence and degradability The degradability of the product is not known.

Bioaccumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Other adverse effects None known.

SECTION 13: Disposal considerations**Disposal methods:**

Aerosols should be completely emptied before disposal. Place empty can in household rubbish. Do not puncture or incinerate

SECTION 14: Transport information

Classified as Hazardous under ADG 7

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|------------------------------|----------|
| UN number | 1950 |
| UN proper shipping name | AEROSOLS |
| Transport hazard class(es) | 2 |
| Packing group | - |
| Environmental hazards | yes |
| Special precautions for user | - |
| Hazchem code | 2(Y)E |

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Inventories Australia – AICS Not applicable.

SECTION 16: Any other relevant information**Hazard statements in full**

H220 Extremely flammable gas.

H223 Flammable aerosol.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H361d CLP only - Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure. H411

Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.