

Safety Data Sheet

Non-Hazardous, Non-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

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|----------------------------|---|
| PRODUCT NAME | Megapoxy Form Release Wax |
| RECOMMENDED USE | Industrial application. Or Domestic use |
| SUPPLIER | Vivacity Engineering Pty Ltd. |
| ABN | 78 305 545 664 |
| STREET ADDRESS | 3 Sefton Road Thornleigh NSW 2120 Australia |
| TELEPHONE | +61 2 9875 3044 |
| EMAIL | info@megapoxy.com |
| EMERGENCY TELEPHONE NUMBER | +61 2 9875 3044 Australia: 13 11 26 (Poisons Information Centre) New Zealand: 0800 764 766 (NZ Poisons & Hazardous Chemicals Centre) |

2. HAZARDS IDENTIFICATION

NOT a Hazardous Material according to the GHS Criteria & NZ HSNO Criteria, in Australia and New Zealand

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| SIGNAL WORD | Not Applicable. |
| HAZARD CLASSIFICATIONS | Not Applicable. |
| HAZARD STATEMENTS | Not Applicable. |
| PREVENTION PRECAUTIONARY STATEMENTS | Not Applicable. |

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| RESPONSE PRECAUTIONARY STATEMENTS | P302+P352 | IF ON SKIN: Wash with plenty of water. |
| | 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. |
| | P321 | Specific treatment (see supplemental first aid instruction on this on product label). |
| | P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| | P337+P313 | If eye irritation persists: Get medical advice/attention. |
| | P362 | Take off contaminated clothing. |
| STORAGE PRECAUTIONARY STATEMENT | P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| | P405 | Store locked up. |
| DISPOSAL PRECAUTIONARY STATEMENT | P501 | Dispose of contents/container in accordance with local, regional, national and international regulations. |
| POISON SCHEDULE | Not Applicable. | |
| DANGEROUS GOOD CLASSIFICATION | NOT Dangerous Goods according to the ADG Code, nor IATA Regulations, nor IMDG Code. | |

3. COMPOSITION INFORMATION

| CHEMICAL ENTITY | CAS NO | PROPORTION |
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| Paraffin Wax and hydrocarbon waxes | 8002-74-2 | 0-70% |
| White Mineral Oil, petroleum | 8042-47-5 | 0-15% |
| Beeswax | 8012-89-3 | 0-10% |
| Stoddard solvent | 8052-41-3 | 0-5% |
| Ingredients determined to be Non-Hazardous | | Balance |
| | | 100% |

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4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

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| INHALATION | If hot fumes are inhaled, remove to fresh air. Keep at rest until fully recovered. If unusual symptoms develop, seek medical attention. |
| SKIN CONTACT | If this product comes into contact with skin, wash skin with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again. Hot Molten Product: If molten material comes into contact with skin, do not attempt to remove. Cool with cold running water for at least 15 minutes, wrap loosely with wet towel or bandage and take to hospital or doctor. |
| EYE CONTACT | If this product comes into contact with eyes, hold open and wash with running water. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Hot Molten Product: If hot molten product is splashed into the eye, it should be cooled down immediately to dissipate heat, under cold running water for at least 5 minutes. Immediately obtain specialist treatment. |
| INGESTION | If product enters the mouth, thoroughly wash mouth with water, then give some water to drink. Further measures should not be necessary. |
| PPE FOR FIRST AIDERS | Eye wash and safety shower, plus normal washroom facilities nearby. |
| NOTES TO PHYSICIAN | Treat symptomatically. Effects may be delayed. |

5. FIRE FIGHTING MEASURES

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| HAZCHEM CODE | Not applicable |
| SUITABLE EXTINGUISHING MEDIA | Carbon Dioxide, dry chemical, foam. DO NOT USE WATER. Use of water on molten product may lead to splattering or steam eruptions causing molten product to be ejected and thus adding to the fire load. |
| SPECIFIC HAZARDS | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including Carbon Monoxide, Aldehydes, and other Unidentified Organic Compounds. |
| FIRE FIGHTING FURTHER ADVICE | A combustible solid at room temperature. When heated whilst being processed and used, this product is a combustible liquid with a flashpoint >220°C. Not easily ignitable due to its high flash point, HOWEVER this material can ignite and burn under fire conditions. Once ignited treat as an Oil fire. Move containers from the fire area if it can be done without risk. Use water spray to cool fire exposed surfaces and to protect personnel but take care as boil-over may occur if temperature of the product exceeds 100°C. Decomposition products are toxic. Fire-fighters may need to wear Self Contained Breathing Apparatus in enclosed spaces with overheated product or where combustion is incomplete. In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and Self-Contained Breathing Apparatus (SCBA) with a full face-piece operated in positive pressure. |

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6. ACCIDENTAL RELEASE MEASURES

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| SMALL SPILLS | Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. |
| LARGE SPILLS | <p>Slippery on floors, especially when wet.</p> <p>In event of a major spill, prevent spillage from entering drains or water courses.</p> <p>As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. For hot product spills: remove all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares).</p> <p>Allow the material to solidify then scrape up. Risk of slipping on soft and solidified product. Do not walk through the spilled material.</p> <p>Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area, preventing run off from entering drains</p> <p>See Section 13 for Disposal Considerations.</p> |
| DANGEROUS GOODS - INITIAL EMERGENCY RESPONSE GUIDE NO: | Not applicable |

7. HANDLING AND STORAGE

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| HANDLING | <p>Solid Product: No special handling requirements.</p> <p>As Hot Molten Liquid: Wear protective equipment. Keep away from ignition sources. When using or handling hot product do not overheat it. When hot and liquefied, observe requirements for Combustible Liquid fire with a Flash Point >150°C.</p> <p>Spilled product increases the risk of slipping.</p> <p>Make sure the product does not come into contact with "Incompatible Materials" listed in Section 10.</p> |
| STORAGE | <p>Solid Product: Store in a well ventilated area. Store away from sources of heat or ignition, direct sunlight, strong oxidising agents and strong caustics. Keep containers closed at all times.</p> <p>Hot Molten Product: Store at the minimum temperature to maintain in a molten state. Take care not to allow the product to solidify in equipment, as it may require significant time, heat and difficulty to reliquefy it. It is not recommended to store or transport at temperatures above 100°C to avoid oxidation, discolouration and Dangerous Goods issues.</p> <p>Store and handle in accordance with Work Health & Safety Regulations, Occupational Health & Safety Regulations, or Health & Safety Regulations at Work Regulations, in your jurisdiction.</p> <p>IF transported at over 100°C this product is Class 9 Dangerous Goods, UN 3257 ELEVATED TEMPERATURE LIQUID, Packing Group III, (Hazchem 2W for bulk).</p> <p>The Work Health & Safety Regulations, Occupational Health & Safety Regulations, or Health & Safety Regulations at Work Regulations, or Dangerous Goods (Storage & Handling) Regulations in your jurisdiction must be applied.</p> |

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| <p>NATIONAL OCCUPATIONAL EXPOSURE LIMITS</p> | <p>Exposure Standards determined by the Safe Work Australia, and Worksafe New Zealand Workplace Exposure Standards.</p> <table border="0"> <tr> <td>Paraffin Wax (Fume)</td> <td>2 mg/m³ TWA</td> <td>STEL not available</td> </tr> <tr> <td>White Spirits</td> <td>790 mg/m³ TWA</td> <td>STEL not available</td> </tr> </table> <p>These figures are unlikely to be approached unless the product is very hot.</p> <p>TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.</p> <p>STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.</p> <p>These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.</p> <p>If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.</p> | Paraffin Wax (Fume) | 2 mg/m ³ TWA | STEL not available | White Spirits | 790 mg/m ³ TWA | STEL not available |
| Paraffin Wax (Fume) | 2 mg/m ³ TWA | STEL not available | | | | | |
| White Spirits | 790 mg/m ³ TWA | STEL not available | | | | | |
| <p>BIOLOGICAL LIMIT VALUES</p> | <p>As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.</p> | | | | | | |
| <p>ENGINEERING MEASURES</p> | <p>Use good ventilation to maintain the air concentration below the exposure standards. Air concentrations may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air-borne concentrations of mists, dusts or vapours are high you are advised to modify the process or environment to reduce the problem.</p> | | | | | | |

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| PERSONAL PROTECTION EQUIPMENT | <p>Avoid skin and eye contact. Avoid inhaling heated vapour or fumes. The following personal protective equipment should be used:</p> <p>Solid Product at Room Temperature</p> <p>(1). Protective gloves for handling product at room temperature is suggested to avoid unnecessary skin contact (e.g. rubber or plastic).</p> <p>Hot Molten Product:</p> <p>(1). Safety glasses with side shields, or chemical goggles as appropriate.</p> <p>(2). Wear heat protective gloves.</p> <p>(3). Closed shoes or safety boots as appropriate.</p> <p>(4). Clean heat resistant overalls or similar protective apparel, preferably with an apron. Wear trousers legs over boots and sleeves over cuffs of gloves, and heat resistant heavy duty antiskid boots (e.g. Leather).</p> <p>(5). If a risk of vapour overexposure exists due to overheated product; use an organic vapour respirator meeting AS1715/1716.</p> <p>Where applicable refer to the following Standards: AS/NZS 1337 Eye protectors for industrial applications.</p> <p>AS 2161 AS 2210 AS 3765 AS 1715 AS 1716</p> <p>Industrial safety gloves and mittens.</p> <p>Safety footwear.</p> <p>Clothing for protection against hazardous chemicals.</p> <p>Selection, use and care of respiratory protection devices.</p> <p>Respiratory protection devices.</p> <p>Always wash hands before smoking, eating, drinking or using the toilet.</p> |
| HYGIENE MEASURES | <p>Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.</p> |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Form: | Waxy feeling solid wax at room temperature.. |
| Odour: | Slight odour |
| Solubility: | Insoluble |
| Specific Gravity (20 °C): | 0.92 |
| Relative Vapour Density (air=1): | >1 |
| Vapour Pressure (20 °C): | Low |
| Flash Point (°C): | >180 Deg C |
| Melting Point/Range (°C): | 80-120 Deg C |
| Evaporation Rate: | <1 (n-Butyl acetate=1) |
| Partition Coefficient: | log P(octanol/water) >10 (estimated from being insoluble in water) |
| % Volatile by Volume: | Nil |

(Typical values only - consult specification sheet) N Av = Not available, N App = Not applicable.

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10. STABILITY AND REACTIVITY

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| CHEMICAL STABILITY | Stable. |
| CONDITIONS TO AVOID | Overheating the product with hot vapours and hot decomposition fumes released near ignition sources. |
| INCOMPATIBLE MATERIALS | Contact with strong oxidizers (Peroxides, Chromates, etc.) may cause a fire hazard. Strong caustics. |
| HAZARDOUS DECOMPOSITION PRODUCTS | If Overheated: Irritating fumes *. If Burnt: Carbon Monoxide and smoke * (if combustion is incomplete) * Complex mixture of airborne solid and liquid particulates, gases, including Carbon Monoxide, Aldehydes, and other Unidentified Organic Compounds. |
| HAZARDOUS REACTIONS | Hazardous polymerisation will not occur. |

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:

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| ACUTE EFFECTS | <p>Inhalation Material may be an irritant to mucous membranes and respiratory tract.</p> <p>Skin contact Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.</p> <p>Ingestion Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.</p> <p>Eye contact An eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.</p> |
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| ACUTE TOXICITY | <p>Inhalation This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 5 mg/L.</p> <p>Skin contact This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw.</p> <p>Ingestion This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw.</p> <p>Corrosion/Irritancy Eye: this material has been classified as non-hazardous. Skin: this material has been classified as non-hazardous.</p> <p>Sensitisation Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.</p> <p>Aspiration hazard This material has been classified as non-hazardous.</p> <p>Specific target organ toxicity (single exposure) This material has been classified as non-hazardous.</p> |
| CHRONIC TOXICITY | <p>Mutagenicity This material has been classified as non-hazardous.</p> <p>Carcinogenicity This material has been classified as non-hazardous.</p> <p>Reproductive toxicity (including via lactation) This material has been classified as non-hazardous.</p> <p>Specific target organ toxicity (repeat exposure) This material has been classified as non-hazardous.</p> |

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

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| ACUTE AQUATIC HAZARD | This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L. |
| LONG-TERM AQUATIC HAZARD | This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4. |
| ECOTOXICITY | No information available. |
| PERSISTENCE AND DEGRADABILITY | No information available. |

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| BIOACCUMULATIVE POTENTIAL | No information available. |
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| MOBILITY | No information available. |
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13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

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| ROAD AND RAIL TRANSPORT | Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land". |
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| MARINE TRANSPORT | Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. |
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| 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

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
 The Stockholm Convention (Persistent Organic Pollutants)
 The Rotterdam Convention (Prior Informed Consent)
 International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reason for issue: Revised

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

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