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PRODUCT: PF 18042W WEATHERSTRIP ADHESIVE (BLACK)

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Wyatt Machine Tools (Rupes) NZ Limited
388 Church Street, Penrose
Auckland, New Zealand
PH: (09) 525 1000
FAX: (09) 525 1009

Product identifier..... PF 18042W WEATHERSTRIP ADHESIVE (BLACK)

Recommended use and restrictions on .. Adhesive applications.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 F: 3 R: 0.

24 hour emergency number..... NZ Emergency 0800 992 881 (0800WYATT1).

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritation — Category 2. Skin Sensitizer — Category 1. Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. Germ Cell Mutagenicity 1. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2. Aquatic Acute 2. Aquatic Chronic 1.

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H340 May cause genetic defects. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection.

Response P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P312 Call a POISON CENTER/doctor if you feel unwell. 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 until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P308 + P313 If exposed or concerned, get medical advice/attention. P391 Collect spillage.

Storage..... P235 Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Note This product mixture has been classified based on its ingredients.

PRODUCT: PF 18042W WEATHERSTRIP ADHESIVE (BLACK)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

| CHEMICAL NAME AND SYNONYMS | CAS # | WT. % |
|---|-------------|-------|
| Acetone | 67-64-1 | 15-40 |
| Toluene | 108-88-3 | 15-40 |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | 10-30 |
| Heptane, branched, cyclic and linear | 426260-76-6 | 10-30 |
| n-Heptane | 142-82-5 | 7-13 |
| Ethyl Acetate | 141-78-6 | 3-7 |
| Phenol, polymer with formaldehyde | 9003-35-4 | 3-7 |
| Rosin | 8050-09-7 | 1-5 |
| Chlorinated rubber | 9006-03-5 | 1-5 |

SECTION 04: FIRST-AID MEASURES

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| Eye contact..... | Flush for 15 minutes using plenty of water. If irritation persists seek medical attention. |
| Skin contact..... | Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention. |
| Inhalation..... | Move victim away from affected area to fresh air. If symptoms persist, get medical attention. |
| Ingestion..... | Rinse mouth with water. Do not induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Seek medical assistance as soon as possible. |
| Most important symptoms and effects, whether acute or delayed | Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Can cause skin sensitization. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. This product contains ingredients that are suspected of damaging fertility or the unborn child. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause respiratory irritation. May cause genetic defects. |
| Additional information..... | Use good hygiene practices. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet. |

SECTION 05: FIRE-FIGHTING MEASURES

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| Suitable and unsuitable extinguishing media | Foam, "alcohol" foam, CO2, dry chemical, water fog. Sand. Do not use water in a jet. |
| Special protective equipment and precautions for fire-fighters | Keep away from heat, sparks and flame. Reacts with strong oxidizers: (increased) risk of fire. Vapour forms a flammable / explosive mixture with air between upper and lower flammable limits. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. |
| Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products | Oxides of carbon (CO, CO2). Chloride. Formaldehyde. Hydrocarbon fumes and smoke. |

SECTION 06: ACCIDENTAL RELEASE MEASURES

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| Leak/spill..... | Keep away from heat, sparks and flames. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Eliminate all sources of ignition. Evacuate all non-essential personnel. Ventilate. Eliminate all sources of ignition. Absorb with an inert dry material and place in an appropriate waste container. Do not use sawdust or cellulosic material. Use non-sparking tools and equipment to pick up the spilled material. Prevent runoff into drains, sewers, and other waterways. |
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SECTION 07: HANDLING AND STORAGE

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| Precautions for safe handling..... | Store in a cool well ventilated place away from incompatible materials. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Containers must be grounded and bonded. Do not use near sources of ignition, open flames or sparks. Do not cut, drill, weld or grind on or near the container. Open containers slowly to allow for any pressure build-up to escape. Keep containers closed when not in use. Vapours may accumulate in the head space of the drum. Employees should wash hands and face before eating or drinking. |
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PRODUCT: PF 18042W WEATHERSTRIP ADHESIVE (BLACK)**SECTION 07: HANDLING AND STORAGE**

Conditions for safe storage, including any incompatibilities

Store and use in a cool dry environment. Store in flammable goods area. Keep container closed when not in use. Store away from incompatible materials. Store away from strong oxidizers. Keep away from acids and alkalis.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| INGREDIENTS | TWA | ACGIH TLV STEL | PEL | OSHA PEL STEL | REL | NIOSH |
|---|---|-------------------|-----------------|--------------------|------------------------|-----------------|
| Acetone | 250 ppm TLV | 500 ppm | 1,000 ppm | Not established | 250 ppm | |
| Toluene | 20 ppm | Not established | 200 ppm | 500 ppm 10 minutes | 100 ppm / STEL 150 ppm | |
| Naphtha (petroleum), hydrotreated light | 1640 mg/m3 (heptane) 1100 ppm (IDLH) | Not established | Not established | Not established | Not established | Not established |
| Heptane, branched, cyclic and linear | Not established | | Not established | | Not established | Not established |
| n-Heptane | 400 ppm | 500 ppm | 500 ppm | Not Established | 85 ppm / STEL 440 ppm | |
| Ethyl Acetate | 400 ppm | Not established | 400 ppm | Not established | 400 ppm | |
| Phenol, polymer with formaldehyde | Not established | | Not established | | Not established | Not established |
| Rosin | Dermal sensitizer | | Not established | | | Not established |
| Chlorinated rubber | Not established | | Not established | | | Not established |

Personal Protective Equipment

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| Respiratory/type..... | NIOSH/MSHA approved respirator recommended if mist exposure limit exceeded. |
| Eye/type..... | Liquid chemical goggles. |
| Gloves/ type..... | Wear protective gloves. |
| Clothing/type..... | Wear coveralls, long sleeves. |
| Footwear/type..... | Safety shoes. |
| Other/type..... | Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products. |
| Appropriate engineering controls..... | Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. Explosion-proof exhaust ventilation. |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance/Physical state..... | Liquid. |
| Colour..... | Light amber. Black. |
| Odour..... | Aromatic odour. Mild. |
| Odour threshold (ppm)..... | Not available. |
| Vapour pressure (mm Hg)..... | <= 184 mm Hg @ 20 °C (68 °F). |
| Vapour density (air=1)..... | >= 2.0. |
| pH..... | Not applicable. |
| Density..... | 7.14 lb/usg - 0.86 g/mL. |
| Melting / Freezing point (deg C)..... | No data. |
| Solubility..... | Not soluble in water. |
| Initial boiling point / boiling range (deg C)..... | 53 - 78 °C (127.4 - 172.4 °F). |
| Evaporation rate..... | 11.6. |
| Flash point (deg C), method..... | < -30 °C (-22 °F) (Tag Closed Cup). |
| Auto ignition temperature (deg C)..... | >= 203 °C (397 °F). |
| Upper flammable limit (% vol)..... | 13. |
| Lower flammable limit (% vol)..... | 1.0. |
| Partition coefficient — n-octanol/water..... | No Data. |
| % Volatile by volume..... | Not available. |
| VOC..... | 550 g/L (4.59 lbs/gal). |
| Viscosity..... | 7000 – 9000 cPs @ 20 °C (68 °F). |

PRODUCT: PF 18042W WEATHERSTRIP ADHESIVE (BLACK)**SECTION 10: STABILITY AND REACTIVITY**

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| Reactivity | Reacts with strong oxidizers. |
| Chemical stability..... | Stable at normal temperatures and pressures. |
| Possibility of hazardous reactions..... | Hazardous polymerization will not occur. |
| Conditions to avoid, including static | Direct sunlight. Extreme temperatures. Incompatible with strong oxidizers. Ignition sources. |
| discharge, shock or vibration | Static discharge. |
| Incompatible materials..... | Strong acids. Strong bases. Strong oxidizers. |
| Hazardous decomposition products..... | Oxides of carbon (CO,CO2). Will decompose above 150 °C (>300° F) releasing formaldehyde vapors. See hazardous combustion products section 5. |

SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
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| Acetone | 50,100 mg/m ³ 8 hours rat inhalation | 5,800 mg/kg rat oral |
| Toluene | 8000 ppm rat inhalation 400 ppm mouse inhalation 24hr | 5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal |
| Naphtha (petroleum), hydrotreated light | 73680 ppm 4 hours rat | >5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit) |
| Heptane, branched, cyclic and linear | Not available | Not available |
| n-Heptane | 103 mg/m ³ rat 4 hr | > 5000 mg/kg (oral, rat) |
| Ethyl Acetate | 16,000 ppm 6 hours rat | 5,600 mg/kg rat oral |
| Phenol, polymer with formaldehyde | Not available | > 5 g/kg (oral, rat) |
| Rosin | 110 mg/m ³ (inhal., rat) | 7600 mg/kg (oral, rat) |
| Chlorinated rubber | Not available | Not available |
| Route of exposure..... | Eye contact. Skin contact. Inhalation. Skin absorption. Ingestion. | |
| Effects of acute exposure..... | Skin: central nervous system depression. Irritation of eyes, nose and throat, headache, dizziness, impairment of coordination, convulsion and unconsciousness. Anxiety and nervousness may persist several months after acute exposure. | |
| Effects of chronic exposure..... | Skin, conjunctiva and mucous membranes of upper respiratory tract may be irritated. Dermatitis and defatting of the skin. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal . | |
| Skin contact..... | Causes skin irritation. Can cause drying, itching, and reddening. | |
| Eye contact..... | Severe irritant, causing burning, reddening & tearing. Permanent damage is possible. | |
| Inhalation (acute)..... | This material can be severely toxic when taken into the lungs and can cause severe chemical pneumonitis. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. | |
| Ingestion..... | Causes severe irritation and inflammation of mouth, throat and stomach. Severe stomach pains will follow with the possible loss of consciousness. | |
| Sensitizing capability of material..... | May cause sensitization by skin contact. | |
| Carcinogenicity of material..... | IARC has classified Toluene as a Group 3 (Not classifiable as to its carcinogenicity to humans); ACGIH has classified Toluene as a Group A4 (Not classifiable as a human carcinogen). | |
| Reproductive effects..... | Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects. | |
| Mutagenicity..... | Contains an ingredient that may cause reproductive effects. | |
| Specific Target Organ Toxicity | May cause drowsiness or dizziness. | |

SECTION 12: ECOLOGICAL INFORMATION

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| Environmental..... | Do not allow to enter waters, waste water or soil. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. |
| Persistence and degradability..... | Not available. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| Information on safe handling for disposal and methods of disposal, including any contaminated packaging | Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. |
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PRODUCT: PF 18042W WEATHERSTRIP ADHESIVE (BLACK)**SECTION 14: TRANSPORT INFORMATION**

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| TDG Classification..... | UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II - This product meets the criteria for Limited Quantity Exemptions when packaged in containers equal to or less than 5 litres. |
| DOT Classification (Road)..... | UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II - Ltd Qty (1 Liters/0.3 Gallons). Refer to 49CFR 172.101 for additional non-bulk packaging requirements. |
| IATA Classification (Air)..... | UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations. |
| IMDG Classification (Marine)..... | UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions. |
| Marine Pollutant..... | Yes. |
| Proof of Classification..... | In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. . |

SECTION 15: REGULATORY INFORMATION

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| CEPA status..... | On Domestic Substances List (DSL). |
| TSCA inventory status..... | All components are listed. |
| SARA Title III Section 302 - extremely hazardous substances | None. |
| Section 311/312 - hazard categories..... | Immediate health, delayed health, fire hazard. |
| Section 313..... | Toluene. |
| EPA hazardous air pollutants (HAPS) 40CFR63 | Toluene. |
| California Proposition 65..... | *WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |
| (NZ) Statement..... | This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017. |
| (NZ) HSNO Classifications..... | 3.1B. 6.1E. 6.3A. 6.5B. 6.4A. 6.9B. 6.6A. 6.8B. |
| (NZ) HSNO Group Standard..... | Surface Coatings/Colourants - Flammable HSR002662. |

SECTION 16: OTHER INFORMATION

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| Prepared by: | REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com . |
| Telephone number:..... | (800) 387-7981. |
| Disclaimer:..... | DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. |
| Date of the latest revision of the safety .. data sheet | 2019-11-14 |