

SAFETY DATA SHEET (SDS) / PW-1

Section 1 Product / Company Identification

| | | |
|-----------------------------|---|-------------------------|
| Product Name | PW-1 | |
| Product Description | Inorganic / Organic Mixture | |
| Manufacturer & Address | DYNA Metro Inc. 37 Creditstone Road Concord, Ontario L4K 1N3 Canada | |
| Manufacturer's Phone Number | +1 905.761.3309 | |
| Manufacturer's Facsimile | +1 905.761.2114 | |
| Date Of Issue | June 5, 2018 | |
| Prepared By | Mark Gagro | |
| Emergency Phone Numbers | Canutech | 1-613-996-6666 (Canada) |
| | Chemtrec | 1-800-424-9300 (U.S.) |

Section 2 Emergency And First Aid

Emergency Information

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|------------|--|
| Eyes | Rinse the eyes with a gentle stream of water for at least 15 minutes. Consult a physician immediately. |
| Skin | Remove contaminated clothing. Wash the skin with soap and water. Decontaminate or discard clothing. If irritation occurs, seek medical attention. |
| Inhalation | Remove from exposure and provide fresh air. If breathing has stopped, administer artificial respiration or oxygen as necessary. Consult a physician immediately. |
| Ingestion | Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately. |

Section 3 Composition Information

Description

For California (Proposition 65): This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity.

(USA) - HMIS (Hazardous Materials Identification System) Rating: Health-0 Fire-1 Reactivity-0 Protection-H
`*`=chronic effect

(Canada) WHIMIS (Workplace Hazardous Materials Information System) Classifications: D2A and D2B

Section 4 Hazardous Ingredients / Section 5 Hazardous Identification

Hazardous Components

(specific chemical identity: common name) OSHA(PEL) ACGIH(TLV)

Non-known

VOC: <26 gm/L

Other Limits

Recommended %(optional)

All ingredients listed within or exempted from US TSCA and Canadian DSL.

Section 6 Accidental Release Measures

Personal Precautions

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Spill Response

Contain spill. Cover with absorbent material. Collect spilled material. Place in an approved metal container.

Methods of Disposal

Dispose in accordance to local environmental regulation.

Section 7 Chemical And Physical Data

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|---------------------------------|--------------------|
| Physical State | Liquid |
| Colour | Translucent |
| Odour and Appearance | Sweet / acetic |
| Water Solubility | Soluble |
| Specific Gravity | 1.03 |
| Boiling Point | 100°C (212°F) |
| Freezing Point | 0°F (32°C) |
| Melting Point | Not applicable |
| Percent Volatile | P0% |
| Vapour Density | (Air =1) 1 @ 20°C |
| Vapour Pressure | (mm Hg) 1 @ 20°C |
| pH | 8-9 |
| Partition Coefficient (K o/w) | No data available |
| Evaporation Rate | Same as water |
| Viscosity | 2000 to 3000 cps |

Section 8 Fire And Explosion

| | |
|---------------------------------------|---|
| Flammability | No |
| Exposure Hazards During Fire | N/A |
| Fire Fighting | Wear standard fire fighting gear with self-contained breathing apparatus. |
| Flash Point | >100°C (212°F) |
| Upper Flammable Limit (% by volume) | N/A |
| Lower Flammable Limit (% by volume) | N/A |
| Explosion Data | Explosive Power N/A Rate of Burning N/A |
| Sensitivity To Static Discharge | No |
| Auto Ignition Temperature | Sensitivity to Impact No |
| Unusual Fire And Explosion Hazards | N/A |
| Hazardous Combustion Products | Carbon monoxide, carbon dioxide and toxic gases |

Section 9 Stability And Reactivity Data

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|--------------------------|---|
| Stability And Reactivity | Gradual hydrolysis in water |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Heat and any ignition source, open flames. |
| Incompatibility | Water (moisture) |
| Hazardous Decomposition | SiO ₂ , CO, CO ₂ , and traces of incompletely burned hydrocarbons upon combustion on hydrolysis, methyl alcohol |
| Reactivity | Reacts slowly in water. |

Section 10 Precautions For Handling And Storage

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|------------------------|---|
| Storage Requirements | Keep container closed when not in use. Store at 60-95°F (15-35°C) and out of the sun. |
| Incompatible Materials | Store away from acids or oxidizing agents . Store out of direct sunlight. |
| Ventilation | Use adequate ventilation to avoid breathing vapors when curing. |
| Fire Prevention | N/A |
| Explosion Prevention | N/A |
| Static Prevention | N/A |
| Use Instructions | Avoid prolonged skin contact. |

Section 11 Toxicological Information

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|---------------------------|---|
| Major Exposure Hazards | Skin contact, inhalation, eye contact. |
| Skin Contact | Moderate skin irritation (after prolonged or repeated contact). Signs and symptoms can include redness, itching and dryness. |
| Inhalation | May be a mild Irritant to nose and throat |
| Eye Contact | Mild eye irritation. |
| Ingestion | Ingestion is not a likely route of exposure. |
| Carcinogenicity | This product (or components, if a mixture) is not listed in IARC Monographs, the NTP Annual Report or regulated by OSHA as a carcinogen or potential carcinogen. Information is not available as to whether it is listed in the ACGIH TLV's as a carcinogen. |
| Mutagenicity | No data available |
| Reproductive Effects | No data available |
| Sensitization Information | No data available |
| Other | N/A |

Section 12 Personal Protection / Exposure Control

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|-------------------------|---|---|
| Personal Protection | Eye Protection | Avoid eye contact. Wear vented goggles. |
| | Skin Protection | Avoid skin contact. Use rubber gloves if possible. |
| | Respiratory Protection | Avoid breathing of vapours created during the cure cycle. Avoid breathing of vapours. Avoid breathing of airborne material. |
| Ingestion | Not applicable. | |
| Recommended Ventilation | Use with appropriate local exhaust ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection. | |
| Other Protection | An eyebath and safety shower should be available. All food should be kept in a separate area away from the storage / use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Wash hands and face thoroughly before eating and drinking or smoking to remove any residual material. | |

Section 13 Personal Protection / Exposure Control

DISPOSAL:

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/ Provincial and local laws and regulations of unusable or contaminated materials. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Dispose of packaging/containers according to local, state and federal regulations.

IF THIS MATERIAL AS PACKAGED, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA FOR A HAZARDOUS WASTE AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT (40CFR 261), DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Section 14 Transportation Data

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| Transportation Of Dangerous Goods | Canada-TDG classification | Not Regulated |
| U.S. A. DOT | Not Regulated | |
| Proper Shipping Name | Waterborne Resin Solution | |
| International Dangerous Goods Classification | IMO Class | Not Regulated |
| ICAO | Not Regulated | |
| IATA | Not Regulated | |

Section 15 Other Regulatory Information

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|-------------------------------------|---------------------|--|
| HMIS Rating | Health | 0 |
| | Flammability | 0 |
| | Reactivity | 0 |
| | Personal Protection | (User supplied based on use conditions) |
| NFPA | Health | 0 |
| | Flammability | 0 |
| | Reactivity | 0 |
| WHMIS Classification | D2B | May causes eye, skin and mucous membrane irritation. |
| IMO Description | | N/A |
| Canadian Ingredient Disclosure List | | N/A |

Section 16 Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. It is the user's obligation to determine the conditions of safe use of this product.