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| **Bison Innovative Products** | Toll Free: 800-333-4234 | Hours Mon-Fri 8am-5pm MST |
| 701 Osage Street, Unit 120 | Phone: 303-892-0400 | info@bisonip.com |
| Denver, CO 80204 | Fax: 303-825-5988 | www.bisonip.com |

**Section 1: Product Information**

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| **Product Name:** | Level.Up | |
| **Description:** | Deck Pedestal Supports | |
| **Prepared By:** | Bison Innovative Products | |
| **Chemical:** | **Bison Series:** | **Products:** |
| **Resin 1 (BB-PP-2025)** | Pedestals | Level.Up Base and Level.Up Top |
| Accessories | LU-FFB, LU-SL, LU-FH50, LU-C1, LU-C4, LU-JT |
| **Resin 2 (TPE)** | Accessories | LU-B11 |
| **Resin 3 (YELLOW)** | Pedestals | Level.Up Yellow Coupler |
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**Section 2: Hazard Identification**

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| Dusts generated from machining may be mildly irritating to the skin and eyes. Use personal protective equipment as required. Dispose of contents/container in accordance with Federal, State, and Local regulations. |

**Section 3: Composition/Information on Ingredients**

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| **Resin** | **Chemical Name** | **CAS#** | **Concentration**  **%** | **NIOSH/OSHA**  **PEL** | **ACGIH**  **TLV** | **LD50 or LC50**  **Species and route** |
| Resin 1 | Polypropylene | 9003-07-0 | 0-100% | - | - | Inert |
| Polypropylene Copolymer | 9010-79-1 | 0-100% | - | - | Inert |
| Talc | 14807-96-6 | 15-25% | TWA  2mg/m³ (resp) | TWA  2mg/m³ (resp) | NE, lung irritant as airborne dust |
| Pigment | \*Proprietary | 0-2% | TWA  5mg/m³ (resp) | TWA  3mg/m³ (resp) | NE, lung irritant as airborne dust |
| Additives and Polymer Stabilizers | \*Proprietary | 0-2% | - | - | - |
| Resin 2 | Polypropylene | 9003-07-0 | 0-100% | - | - | Inert |
| EDPM | 25038-6-2 | 0-100% | - | - | - |
| Carbon Black | 1333-86-4 | 0-2% | - | - | - |
| Resin 3 | Titanium Dioxide | 13463-67-7 | 15% | - | - | - |

**Section 4: First Aid Measures**

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| **Eye Irritation:** Flush eyes thoroughly with clean, low-pressure water for 15 minutes. Treat as one would a foreign contaminant and seek medical attention. Check for and remove contact lenses. |
| **Skin Irritation:** Wash affected skin thoroughly with soap and water. |
| **Respiratory Irritation:** Upon cutting and machining generating dust, leave the exposure area and obtain fresh air. Provide appropriate protection before allowing re-entry. |
| **Ingestion:** Drink lots of water and seek medical attention, product has minimal toxicity. |
| Seek medical attention should symptoms worsen or don’t go away on their own. |

**Section 5: Fire Fighting Measures**

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| **Extinguishing Media**: CO₂, “Alcohol” Foam, Dry Chemical Fog, Water Spray |
| **Explosion and Fire Hazards:** No immediate danger. Should product be machined into dust, particulates may form explosive mixtures with the air. |
| **Special Fire Fighting Procedures:** Polypropylene is a slow burning plastic that generates a thick black smoke. Firefighters must wear self-contained breathing apparatus (SCBA). Level A garments for protection against thermal burns are recommended. Eye protection is strongly recommended. Avoid using direct streams of water on molten burning material as it may scatter and spread fire. If evacuation is necessary, evacuate upwind, and decontaminate personnel and equipment with water wash-down after fire and smoke exposure.  Upon decomposition, product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons. Traces of hydrogen cyanide may be found in fire conditions. |

**Section 6: Accidental Release Measures**

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| Wear the appropriate protective equipment needed for handling, cutting, or other machining deck supports. Gloves, respiratory mask, and eye glasses recommended. |
| Keep jobsite clean at all times. Collect all waste and unused material in a manner that minimizes dust generation. Dispose waste according to local, state, and federal law. Prevent materials from entry into water supply or sewers. Contact proper authorities if public is likely to be affected. |
| Do not smoke on jobsite due to potential combustible dust particles when machined. |

**Section 7: Handling and Storage**

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| Avoid extreme heat, source of ignition, or oxidizing agents when handling and storing. |

**Section 8: Exposure Control and Personal Protection**

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| **Respiratory Protection** | Respiratory protection approved by NIOSH/MSHA for protection against airborne particulates when cutting or machining. | | |
| **Eye Protection** | Wear safety glasses with side shields, goggles, or face shield when cutting or machining. | | |
| **Ventilation** | When cutting or machining deck supports, make sure that particulates are allowed to ventilate. | | |
| **Other** | Wash hands thoroughly after handling. Do not eat, drink, or smoke in the work area. Maintain a clean jobsite. | | |
| **Resin 3**  **Titanium dioxide**  **CAS 13463-67-7** | OSHA Exposure Limits  15 mg/m³ TWA (total dust) | ACGIH Exposure Limits  10 mg/m³ TWA (total dust) | Other Exposure Limits  Not Established |

**Section 9: Physical and Chemical Properties**

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|  | **Resin 1** | **Resin 2** | **Resin 3** |
| **Physical State** | Solid | Solid | Solid |
| **Odor** | Mild, non-specific | Mild, non-specific | Mild, non-specific |
| **Specific Gravity** | 1.06 | >1.0 | 1.64 |
| **Melting Point** | 162°C (324°F) | 260°C+ | - |
| **Boiling Point** | - | - | 2500°C |
| **Vapor Pressure at 23°C** | Negligible | - | - |
| **% Volatile by Volume** | Negligible | - | - |
| **Vapor Density** | - | - | - |
| **Evaporation Rate at 23°C** | - | - | - |
| **Odor Threshold** | - | - | - |
| **pH** | - | - | - |
| **Solubility in Water at 23°C** | Insoluble | Insoluble | - |
| **Coefficient of Oil/Water Distribution** | - | - | - |
| **Ignition Temperature** | - | - | 349°C |
| **Flash Point** | - | - | - |
| **Flammability** | - | - | - |
| **Explosive Limits** | - | - | - |
| **Decomposition Temperature** | 320-400°C (610-750°F) | - | - |
| **Viscosity** | - | - | - |

**Section 10: Stability and Reactivity**

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| **Stability** | Stable at ambient temperatures. (Resin 3 & 4 Unstable) |
| **Avoid** | Acetal, Extreme Heat, Flame, Methylene Chloride, Potassium Permanganate, Liquid Chlorine and other oxidizing agents. |
| Resin 2 reacts with acetal at temperatures of 218°C and above, producing decomposition of the acetal resin, and formaldehyde as a decomposition product. |
| Resin 5 may emit toxic fumes and gases upon decomposition. Hydrogen cyanide, Nitrogen oxide, Carbon oxide, Ammonia gases may be liberated at high temperatures. |
| **Hazardous Decomposition Products** | Thermal decomposition can occur under certain conditions producing (limited to): CO, CO₂, and organic oxidation products. Oxides of carbon and nitrogen |
| **Hazardous Polymerization** | Not expected to occur. |

**Section 11: Toxicological Information**

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| **Primary Routes of Exposure** | Eye and skin contact. | |
| **Eye Contact** | May cause irritation from abrasion. | |
| **Skin Contact** | Not likely to cause skin irritation. | |
| **Inhalation** | If cutting or machining solid deck support without protective equipment it may cause irritation to the respiratory tract. | |
| **Ingestion** | Not likely a route of exposure. If dust particles due to cutting or machining are swallowed it may cause nausea, vomiting, and diarrhea. | |
| **Carcinogenicity** | **Resin 1** | This chemical is not listed as a hazardous chemical or carcinogen according to the National Toxicology Program (NTP) and the International Agency for Research on Cancer (IARC) respectively. |
| **Resin 3** | Titanium dioxide (15%) CAS 13463-67-7. NIOSH: potential occupational carcinogen. IARC: Possible human carcinogen. OSHA: listed. |

**Section 12: Ecological Information**

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| **Resin 1** | This material is generally inert and insoluble and is not expected to have any adverse effect on the environment. This material may deteriorate by several mechanisms including photo- and thermo- oxidative degradation. Photo degraded polymers are also more easily biodegradable. |
| **Resin 2** | Has not been found to migrate through soils. |

**Section 13: Disposal Consideration**

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| **Resin 1** | Recycle, reprocess, incinerate, or disposal of this product in accordance with Federal, State, and local laws. |
| **Resin 2** | Disposal of this product in accordance with Federal, State, and local laws. |
| **Resin 3** | Disposal of this product in accordance with Federal, State, and local laws. |

**Section 14: Transport Information**

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| Not regulated as hazardous material or dangerous good for transportation. | |
| **Proper Shipping Name:** | Bison Innovative Products |

**Section 15: Regulatory Information**

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| **US Regulation** | | | | |
| **TSCA** | **Resin 1** | | The components of these products are either listed on the TSCA inventory or exempt. | |
| **Resin 2** | | The components of these products are either listed on the TSCA inventory or exempt. | |
| **Resin 3** | | The components of these products are listed on the TSCA inventory. | |
| **DSL** | **Resin 1** | | All components in this product are listed on the Canadian Domestic Source List. | |
| **CERCLA** | **Resin 2** | | Not on the list. | |
| **OSHA** | **Resin 1** | | This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR1910.1200. | |
| **Resin 2** | | This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR1910.119. | |
| **SARA Title III** | **Resin 1** | | Section 312 Extremely Hazardous Substance | None |
| Section 311/312 Hazard Categories | None |
| Section 313 Toxic Chemicals | None |
| **Resin 2** | | Section 302 | None |
| Section 311/312/313 Hazard Categories | None |
| Section 313 Toxic Chemicals | None |
| **State Regulation** | | | | |
| **California** | | (Proposition 65): Safe Drinking Water and Toxic Enforcement Act of 1986. | | |
| **Resin 1** | | * **WARNING:** This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). | | |
| **Resin 2** | | * **WARNING:** This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). | | |
| **Resin 3** | | * **WARNING:** This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). | | |
| **Note** | | Chemicals listed in the Proposition 65 warning are bound within the polymer and must be airborne and unbound (not bound within a polymer matrix), and respirable size of 10 micrometers or less in dimeter in order for these substances to be considered a Proposition 65 substance. | | |
| **Canadian Regulation** | | | | |
| **DSL** | | Resin 2 | Not on list | |
| **Ingredient Disclosure List** | | Resin 2 | Not on list | |

**Section 16: Other Information**

**Disclaimer:** The data in this Safety Data Sheet applies only to the specific product designated herein and does not relate to use in combination with any other material or process. The data given here is based on current knowledge and experience. The purpose of this SDS is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products’ properties. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customer and the protection of the environment. The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. United Construction Products, dba Bison Innovative Products and its subsidiaries make no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. United Construction Products, dba Bison Innovative Products and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.