



BEAST® FOOT SAFETY DATA SHEET

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Revision Date: January 10, 2022 | Date of Issue: February 7, 2016 | Version Number: 6.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Beast® Foot

Intended Use of the Product:

Base containing adhesive pad used to support Beast Screed system components

Product Form: Injection molded plastic component with adhesive pad

Company Name, Address, and Telephone of the Responsible Party

Stego Industries, LLC

216 Avenida Fabricante #101

San Clemente, CA 92672 USA

Main Contact Number: (877) 464-7834

Emergency Telephone Number

Emergency Number: 1 (800) 424-9300 (24 Hrs.) CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Non-hazardous at room temperatures. Hazardous only when heated. Solid; negligible odor.

OSHA Hazard Communication Standard

This product is not "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.*

Potential Health Effects:

Skin Contact: Prolonged contact is essentially nonirritating to skin. Mechanical injury only.

Skin Absorption: No adverse effects anticipated by skin absorption.

Eye Contact:

As supplied: irritant as a foreign body;

As used: Solid or dust may cause irritation or corneal injury due to mechanical action. Severe thermal hazard, only when heated, and vapors and/or aerosols, which may be formed at elevated temperatures, may be irritating to eyes and respiratory tract. Effects may include discomfort and redness.

Inhalation: No adverse effects are anticipated from single exposure to dust. Vapors/fumes released at highly elevated temperatures may cause respiratory irritation.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS Number | % by WT. |
|--------------------------------|----------------|----------|
| Polypropylene | 9003-07-0 | >= 0-100 |
| Proprietary additives | Trade Secret** | <= 1.0% |
| Pentaerythritol ester of rosin | Trade Secret** | 0-30% |
| White Mineral Oil | 8042-47-5 | 0-30% |

The selections marked with an '**' are proprietary and considered to be Trade Secrets. This is the reason that they are listed as such, or provided as a range.

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SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water for several minutes, holding the eyelids apart. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact: As supplied, non-hazardous. Wash skin with soap and water if irritation occurs. If symptoms develop, obtain medical attention. For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat, and do not attempt to remove solidified adhesive. Cover with clean cotton sheeting and get prompt medical attention. Seek first aid or medical attention as needed. DO NOT attempt to remove lodged material from skin. Removal could result in severe tissue damage; seek medical attention immediately.

Inhalation: If exposure occurs at elevated temperatures, remove to fresh air. If breathing is difficult, give oxygen. If breathing difficulties persist, call a physician. If breathing has stopped, give artificial respiration and get medical attention.

Ingestion: No need for first aid is anticipated. Do not give anything by mouth to an unconscious or vomiting person. If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel. Treat symptomatically and supportively, and seek medical attention immediately if needed.

Notes to Physician: If burn present, treat as any thermal burn, after decontamination. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Emergency Personnel Protection: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential exposure exists refer to Section 8 for specific personal protective equipment.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Fire Fighting: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Handheld dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from protected location or safe distance.

Unusual Fire and Explosion Hazards: Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is produced when product burns.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon dioxide, carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if Material is released: Sweep up. Recover spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

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SECTION 6: ACCIDENTAL RELEASE MEASURES *Continued...*

Personal Precautions: Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental Precautions: Prevent from entering soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

SECTION 7: HANDLING AND STORAGE

General Handling: Product does not present a hazard when used in accordance with intended use at room temperature. This product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted (some being unknown) may be hazardous to health. No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product. Avoid breathing process fumes. Use with adequate ventilation. When appropriate, unique handling information for containers can be found on product label. Workers should be protected from the possibility of contact with molten resin. Do not get molten in eyes, on skin or clothing. Keep away from heat, sparks and flame. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, electrically bond and ground equipment and do not permit dust to accumulate. Dust can be ignited by static discharge.

Storage: Store in cool, dry place. Store in accordance with good manufacturing practices.

Installation Temperature Range: 40-143°F (surface and ambient).

In-Service Temperature Range: 40-143°F (surface and surrounding).

Please review the remainder of the SDS and the relevant technical data sheets for storage and additional information. If any of the conditions cited above pose a problem for the typical installation of the Beast Screenshot system, please contact Stego Industries for additional information and solutions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Occupational Exposure limits:

| Ingredient Name | Exposure Limits |
|--|---|
| Polypropylene (PP) Resin | <u>ACGIHTLV (United States)</u> Particulates not otherwise specified TWA: 10 mg/m ³ 8 hours. Form: Inhalable Particulates not otherwise specified TWA: 3 mg/m ³ 8 hours. Form Respirable fraction <u>OSHA PEL (United States)</u> Particulates not otherwise specified TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction Particulates not otherwise specified TWA: 15 mg/m ³ 8 hours. Form: Total |
| White Mineral Oil (Petroleum) high refined | <u>ACGIHTLV (United States)</u> 5 mg/m ³ TWA inhalable fraction <u>OSHA PEL (United States)</u> 5 mg/m ³ TWA mist 5 mg/m ³ PEL mist |

PERSONAL PROTECTION:

Eye /Face Protection: Use safety glasses. If there is a potential exposure to particles which could cause eye discomfort, wear chemical goggles. If exposure causes eye discomfort, use a full-face respirator. Avoid contact lenses.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION *Continued...*

Skin Protection: No precautions other than clean body-covering clothing should be needed. When handling hot material, a safety shower should be located in the immediate work area.

Hand/Glove Protection: Chemical protective gloves should not be needed when handling material. Consistent with general hygienic practice for any material, skin contact should be minimized. Use gloves to protect from mechanical injury. Selection of gloves will depend on the task. Use gloves with insulation for thermal protection, when needed. Thermally resistant/insulated gloves should be worn if/when the product is heated.

Clothing Requirements: To avoid burns, use long-sleeved, long-legged clothing.

Change/Removal of Clothing: Remove contaminated clothing and launder before use.

Wash Requirement: Wash before eating, drinking or using toilet facilities.

Engineering/Ventilation Requirements: Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). General exhaust to avoid accumulation of vapors near ceilings Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination or when over glue chamber. Mineral oil mist exposure limits only apply when oil mists could be generated, such as spraying or use at elevated temperatures.

Respiratory Protection: No personal respirator protective equipment is normally required nor is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended. Likewise, where potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. Use an approved air-purifying respirator when vapors are generated at Increased temperatures or when dust or mist is present. The following should be effective types of air-purifying respirators: When dust/mist are present use a/an Particulate filter. When combinations of vapors, acids or dust/mist are present use a/an Organic Vapor Cartridge with a particulate pre-filter.

Ingestion: Use good personal hygiene practices. Do not consume or store food in work area. Wash hands before smoking or eating.

Ventilation: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical State: | Solid |
| Appearance: | Mixture |
| Color: | Black, transparent |
| Odor: | Odorless to mild |
| Odor Threshold: | No test data available |
| Flash Point-Closed Cup: | >260°C |
| Flammability (solid, gas): | No |
| Flammability Limits in Air: | Lower: Not applicable Upper: Not applicable |
| Vapor Density (air=1): | Not applicable |
| Specific Gravity (H₂O): | 0.90 estimated |

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES *Continued...*

| | |
|--|------------------------------------|
| Freezing Point: | Not applicable |
| Melting Point: | 150°C - 170°C |
| Water Solubility (by weight): | Negligible |
| pH, as is; in 1% solution: | Not applicable |
| Autoignition Temperature: | >330°C |
| Vapor Pressure: | Not applicable |
| Boiling Point (760 mmHg): | No applicable |
| Decomposition Temperature: | >300°C |
| Partition Coefficient, n-: | No data available for this product |
| Octanol/water (log Pow): | No test data available |
| Evaporation Rate (Butyl Acetate): | Negligible |
| Kinematic Viscosity: | No test data available |

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable at normal conditions. See Storage, Section 7.

Reactivity: Not available.

Conditions to Avoid: Avoid temperatures above 300°C (572°F). Exposure to elevated temperatures can cause product to decompose.

Incompatible Materials: Oxidizing agents.

Hazardous Polymerization: Will not occur.

Thermal Decomposition: Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt temperatures, polymer fragments can be released. Fumes can be irritating. Decomposition products can include and are not limited to: Combustible gases.

SECTION 11: TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS/SYMPTOMS

Acute Toxicity

Ingestion: Dusts from solid adhesive may cause irritation. Continuous breath of vapor above molten adhesive may irritate mucous membranes.

Ingestion: Data incomplete; Not expected under normal conditions of use. Expected to be low toxicity.

LD50/oral/rat: Data not available.

Skin Absorption: Exposure to dusts may cause eye irritation.

LD50/dermal/rabbit: Data not available.

Repeated Dose Toxicity: Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

Eye Contact: Can cause mechanical irritation if dusts are generated. Fumes released during thermal processing may cause eye irritation. Molten adhesive in eyes will cause severe and permanent damage.

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SECTION 11: TOXICOLOGICAL INFORMATION *Continued...*

Chronic Toxicity

Effects of Chronic Exposure: Although this product has not been tested for chronic effects, it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

Chronic Toxicity and Carcinogenicity: No relevant information found for PP; Pentaerythritol ester of rosin and White Mineral Oil (petroleum) highly refined not an NTP, IARC, or OSHA Carcinogen.

Developmental Toxicity: No relevant information found.

Reproductive Toxicity: No relevant information found.

Genetic Toxicity: No relevant information found.

Target Organs: Eyes; Skin; Respiratory System

SECTION 12: ECOLOGICAL INFORMATION

Movement & Partitioning: No bio concentration of the polymeric component is expected because of its high molecular weight. In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.

Persistence and Degradability: Data not available

Ecotoxicity: Not expected to be acutely toxic, but material in pellet or bead form (unlikely during normal use) may mechanically cause adverse effects if ingested by waterfowl or aquatic life. Potential for bioaccumulation is unknown. No aquatic toxicity established.

SECTION 13: DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. We (Stego) have no control over the management practices of parties handling this product. The information presented here pertains only to the products as shipped in its intended condition as described above. For unused and uncontaminated product, the preferred options include sending to a licensed, permitted: Recycler, reclaimer.

SECTION 14: TRANSPORT INFORMATION

US DOT Non-Bulk: NOT REGULATED

US DOT Bulk: NOT REGULATED

IMDG: NOT REGULATED

ICAO/IATA: NOT REGULATED

This Information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. The information provided herein may not include the impact of additional regulatory requirements (e.g., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.*

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SECTION 15: REGULATORY INFORMATION

USA Regulatory Information

TSCA 8 (B) Inventory Status: All components are listed or are exempt from listing on the Toxic Substance Control Act Inventory.

CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 Fire Hazard

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right to Know Act of 1986) Sections 313 This product contains no exceedance of chemical concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Immediate (Acute) Health Hazard - NO

Delayed (Chronic) Health Hazard - NO

Fire Hazard - YES

Reactive Hazard - NO

Sudden Release of Pressure Hazard - NO

SECTION 16: OTHER INFORMATION

Hazardous Materials Information System (U.S.A.) HMIS III Rating

This information is intended solely for the use of individuals trained in the HMIS system.

Health: 0 **Flammability:** 1 **Physical Hazard:** 0 **Personal Protection:** See section 8 of SDS

National Fire Protection Association (NFPA) Ratings

This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0 **Fire:** 1 **Reactivity:** 0

Recommended Uses and Restrictions:

We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

*Per the OSHA Hazard Communication Standard (29 CFR 1910.1200), articles do not require the accompaniment of a Safety Data Sheet. An article is defined in the regulation as: "a manufactured item other than a fluid or a particle: (i) which is formed to a specific shape or design during manufacture; (ii) has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release more than very small quantities, e.g., minute or trace amounts of hazardous chemical, and does not pose a physical hazard or health risk to employees, when used as recommended or under ordinary conditions." Based on this definition, Beast Foot, Beast Screed Post, Beast Screed Adjustable Cap, Beast Deck Foot, Beast Hook, and Beast Form Stake are all considered by Stego Industries, LLC to be articles.

Disclaimer: The information contained herein only applies to the noted product. To the best of our knowledge, having been obtained through our suppliers or third parties, this information is accurate. We make no warranties, express or implied, concerning this information or the safe use of the noted product, and we disclaim liability from loss, damage, or other from the product's use, handling, or storage. Users are responsible for verifying the fitness/suitability of the product for any purposes/applications and for confirming compliance with any/all relevant codes or regulations.

Please read the Product Statements for all Beast® products by navigating here: stegoindustries.com/legal

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