



BEAST® VAPOR-BARRIER SAFE SCREEDING AND FORMING SYSTEM SAFETY DATA SHEET

Revision Date: August 20, 2019 | Date of Issue: February 7, 2016 | Version Number: 5.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Beast® Foot*

Intended Use of the Product

Adhesive pad to adhere Beast Foot to Stego® Wrap and other materials

Product Form: Circular adhesive pad with release liner

Company Name, Address, and Telephone of the Responsible Party

Stego Industries, LLC
216 Avenida Fabricante #101
San Clemente, CA 92672 USA

Emergency Telephone Number

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

Main Contact Number: (877) 464-7834

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

Eye Contact: **As supplied:** irritant as a foreign body;

As used: 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.

Skin Contact: Exposure to hot material may cause thermal burns.

Inhalation: Negligible hazard at ambient temperatures because of the low vapor pressure of the material at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to respiratory tract.

Ingestion: Low oral toxicity.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	CAS Number	% by WT.
Thermoplastic	Mixture	0-100
Pentaerythritol ester of rosin	Proprietary**	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.

SECTION 4: FIRST AID MEASURES

Eye Contact: As supplied: remove as foreign body. Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately.

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SECTION 4: FIRST AID MEASURES *Continued...*

Skin Contact: As supplied, non-hazardous. Wash skin with soap and water. 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.

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. Treat symptomatically and supportively. Seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Auto Ignition: Not available.

Flash Point: > 500°F (Cleveland Open Cup)

Extinguishing Media: CO₂; Dry Chemical.

Special Fire-fighting Procedures: No special procedures are required. Minimize breathing gases, vapors, fumes, or decomposition products. Use supplied air-breathing equipment for enclosed or confined spaces or as otherwise needed.

Fire & Explosion Hazards: Non-combustible.

Hazardous Combustion Products: Carbon monoxide, Carbon Dioxide, unknown hydrocarbons.

Lower Explosion Limit (LEL): Not applicable.

Upper Explosion Limit (UEL): Not applicable.

Flammability Hazard Class: 1 = Slight

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures: Allow to cool and solidify. Scrape up and collect into suitable containers, such as original dry, uncontaminated container or waste receptacle) for disposal. Dispose of according to applicable local, state, and federal regulations.

Environmental Precautions: No special environmental precautions required. Do not allow material to contaminate ground water system.

For safety and environmental precautions, please review entire Safety Data Sheet/Safety Data Sheet for necessary information.

SECTION 7: HANDLING AND STORAGE

Handling/Storage: Store in a cool dry area. Product does not present a hazard when used in accordance with intended use at room temperature. Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted (some being unknown) may be hazardous to health.

Sensitivity to Static Electricity: No

Sensitivity to Mechanical Impact: No

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.

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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.

Hazardous Component	ACGIH TLV	OSHA PEL	AIHA WEEL	Other
Pentaerythritol ester of rosin	None	None	None	None
White Mineral Oil (petroleum), highly refined	5 mg/m ³ TWA inhalable fraction	5 mg/m ³ TWA mist 5 mg/m ³ PEL mist	None	None

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 Requirements: 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.

Eye/Face Protection Requirements: Safety glasses or safety goggles with side shields recommended. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses.

Glove requirement: 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State/Form:	Solid
Pure Substance or Mixture:	Mixture
Color:	White/Yellow/Transparent
Bulk Density:	~8.1 lb/gal
Odor:	Negligible
Odor Threshold:	Not Available
pH as is:	Not Applicable
pH in 1% Solution:	Not Applicable
Oxidizing Properties:	Not Applicable
Boiling Point:	> 500°F
Melting Point:	200°F
Freezing Point:	Not Applicable
Solubility in Water:	Insoluble in Distilled Water
Partition Coefficient:	Not Applicable
Specific Gravity:	0.980 - 1.29
Evaporation Rate:	Nil (Water)
Vapor Pressure (mmHg):	Nil @ 20°C
Vapor Density (air=1):	Nil

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

Volatiles: Nil
Volatile Organic Compounds: Nil
Auto-Ignition: Not Available
Flash Point: > 500°F (Cleveland Open Cup)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Reactivity: Not available
Hazardous Reactions: Will not occur
Hazardous Decomposition Products: Will not occur at room temperature. Possible at elevated temperatures: Carbon monoxide, Carbon dioxide, unknown Hydrocarbons.
Incompatible Materials: Oxidizing Agents
Conditions to Avoid: None available when used in accordance with intended product use.

SECTION 11: TOXICOLOGICAL INFORMATION

Route of Entry: Skin Contact; Eye Contact; Inhalation

POTENTIAL HEALTH EFFECTS/SYMPTOMS

Inhalation: Dusts from solid adhesive may cause irritation. Continuous breath of vapor above molten adhesive may irritate mucous membranes.
Skin Contact: Solid adhesive has no hazards. Molten adhesives may cause severe burns.
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.
Ingestion: Not expected under normal conditions of use. Expected to be low toxicity.

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

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.
Target Organs: Eyes; Skin; Respiratory System

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Pentaerythritol ester of rosin	None	Irritant	No	No	No
White Mineral Oil (petroleum), highly refined	None	Irritant	No	No	No

SECTION 12: ECOLOGICAL INFORMATION

Potential to Bioaccumulate: Unknown
Aquatic Toxicity: None established.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Disposal should be in accordance with local, state or federal regulations (national or other legislation)

Empty Container Warnings: Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

SECTION 14: TRANSPORT INFORMATION

This section provided for general information only.

For non-bulk shipping only. For more complete transportation regulatory information, please refer to the shipping documents accompanying the shipment of this product.

US DOT Classification: Not noted.

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

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.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 0 Fire: 1 Reactivity: 0

*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. The information contained in this Safety Data Sheet is specific to the Beast Screed adhesive pad.

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/suitable 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:
<http://www.stegoindustries.com/legal>