

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: ElastoPav Sealant: Gray

Product Code: F022101GRY

Intended Use of the Product

Adhesive Sealant Coating. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

Bitec, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

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www.bi-tec.com

Emergency Telephone Number

Emergency Number: 1-800-535-8597

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : Causes serious eye damage
May cause an allergic skin reaction

Precautionary Statements (GHS-US) : Avoid breathing vapor/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves/ protective clothing / eye protection/ face protection

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Ingredient/Chemical Designations	CAS #	Weight %
Proprietary polymer	Not Available	10-30
Limestone	1317-65-3	10-30
Titanium Dioxide	13463-67-7	1-5
Proprietary Dehydration Agent	Not Available	1-5
Proprietary Adhesion Promoter	Not Available	1-5
Carbon Black	1333-86-4	<1

Composition comments: Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel
Skin Contact	It is important to remove the substance from the skin immediately. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.
Most important symptoms and effects, both acute and delayed	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolonged or repeated exposure may cause the following adverse effects: Suspected of causing cancer.
Ingestion	May cause sensitization or allergic reactions in sensitive individuals. Prolonged or repeated

Skin contact	exposure may cause the following adverse effects: Suspected of causing cancer. May cause skin sensitization or allergic reactions in sensitive individuals. Prolonged or repeated exposure may cause the following adverse effects: Suspected of causing cancer.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Indication of immediate medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Special Hazards Arising from the Substance or Mixture

Specific hazards Containers can burst or explode when heated, due to excessive pressure build up

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for Firefighters

Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

Environmental precautions

Environmental precautions: Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up: Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional

information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Usage Precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Suspected of causing cancer. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse
Conditions for safe storage, including any incompatibilities	
Storage precautions	Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.
Storage Class	Chemical storage
Specific end use(s)	The identified uses for this product are detailed in Section 1.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Use standard protocols for exposure to particulates.

Occupational exposure limits

Proprietary Polymer

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm

Long-term exposure limit (8-hour TWA): OSHA 500 ppm 1800 mg/m³

Limestone

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Titanium Dioxide

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³

Not classified as a Human Carcinogen

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Carbon Black

Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction

Confirmed Animal Carcinogen with Unknown Relevance to Humans

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³

Proprietary Polymer

Immediate danger to life and health: 1100 ppm

Titanium Dioxide (CAS: 13463-67-7)

Immediate danger to life and health: 5000 mg/m³

Carbon Black (CAS: 1333-86-4)

Immediate danger to life and health: 1750 mg/m³

Exposure Controls

Appropriate Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Personal Protective Equipment:

Hand Protection: It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Eye/Face Protection: Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin and Body Protection: May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection: Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

Hygiene measures Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Environmental exposure controls: Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	: Paste
Odor	: Characteristic
Melting point / freezing point	: Not established
Vapor density	: >1

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous Polymerization will not occur.

Chemical Stability: Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: There are no known conditions that are likely to result in a hazardous situation.

Incompatible Materials: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous Decomposition Products: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

ATE inhalation (vapours mg/l): 634.19

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

Skin sensitization May cause skin sensitization or allergic reactions in sensitive individuals.

Carcinogenicity Contains a substance which may cause cancer by inhalation.

IARC carcinogenicity Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.

General information May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation No specific symptoms known.

Ingestion May cause sensitization or allergic reactions in sensitive individuals.

Skin Contact May cause skin sensitization or allergic reactions in sensitive individuals.

Eye contact Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target Organs No specific target organs known.

Medical considerations Skin disorders and allergies.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No information available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT – Not Regulated

In Accordance with IMDG – Not Regulated

In Accordance with IATA – Not Regulated

In Accordance with TDG – Not Regulated

SECTION 15: REGULATORY INFORMATION

EPA Toxic Substances Control Act (TSCA)	All components of this product are listed on the TSCA Inventory or exempted from TSCA
SARA 302 Listed Chemicals	None
SARA 311/312 Hazard Categories	None
SARA 313	This product contains no substances at or above the reporting threshold subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 and 40 CFR Part 371, based on available data.
California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)	This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.
RCRA Status	If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	: 2/14/2022
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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