

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: IMPERSOL™ EB Multi System Bleed Blocker

Product Code: F02465

Intended Use of the Product

Acrylic Elastomeric Primer

Name, Address, and Telephone of the Responsible Party

Manufacturer

Bitec, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

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)

Skin Irrit. 2 ; H315

Eye Irrit. 2 ; H319

Skin Sens. 1 ; H317

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



Signal Word (GHS-US)

: WARNING

Hazard Statements (GHS-US)

: Causes skin irritation May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary Statements (GHS-US)

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust / fume/ gas / mist/ vapors / spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves / eye protection / face protection.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

IMPERSOL™ EB Multi System Bleed Blocker

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Titanium dioxide CAS Number: 0013463-67-7	1.0 – 10	Not Classified	[1][2]
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate CAS Number 0025265-77-4	1.0 – 10	Not Classified	[1]
2-N-octyl-4-isothiazoline-3-one CAS Number: 0026530-20-1	0.01 – 0.10	Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 4;H302 Skin Corr. 1B;H314 Skin Sens. 1;H317 (@>0.05%) Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][3]

*In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

*The full texts of the phrases are shown in Section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

First-aid Measures After Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

First-aid Measures After Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

First-aid Measures After Eye Contact: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

First-aid Measures After Ingestion: If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not available

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Product is not flammable

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Wear SCBA and full protective gear when entering a confined or enclosed space to protect from normal combustion products and/or oxygen deficiency.

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

General Measures: handle in accordance with good industrial hygiene and safety practice.

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

IMPERSOL™ EB Multi System Bleed Blocker

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb and/or contain spill with inert material.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections

See Heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Do not freeze. Naked flames and smoking should not be permitted in storage areas. It is recommended that forklift trucks and electrical equipment are protected to the appropriate standard.

Incompatible Materials: No known incompatibles for this product.

Storage Area: Store locked up. Store in a well-ventilated place. Keep cool.

Special Rules on Packaging: Keep only in original container.

Specific End Use(s)

Urethane roof coating. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Use standard protocols for exposure to particulates.

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: Use protective gloves as needed to avoid skin irritation.

Eye Protection: Not normally required.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink, or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance : Viscous black or gray Liquid

Odor : Slight

Odor threshold : Not determined

pH : Not available

Melting point / freezing point : 0°C (32°F)

Initial boiling point and boiling range : 100°C (212°F)

Flash Point : Non-combustible

Evaporation rate (Ether = 1) : Greater than 1

Flammability (solid, gas) : Not applicable

Upper/lower flammability or explosive limits : Not applicable

Vapor pressure (Pa) : Not determined

Vapor Density : Not available

Specific Gravity : Not available

Solubility in Water : Dispersible

IMPERSOL™ EB Multi System Bleed Blocker

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Partition coefficient n-octanol/water (Log Know)	: Not Measured
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity (cSt)	: 400-900 cps
VOC Content	: < 35 g/liter
Density	: 8.3-8.9 ppg

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous Polymerization will not occur.

Chemical Stability: Stable under normal circumstances.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: No data available

Incompatible Materials: Avoid strong oxidizing agents, concentrated nitric and sulfuric acids, halogen and molten sulfur.

Hazardous Decomposition Products: Acrylic monomers

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

<u>Ingredient</u>	<u>Oral LD50, mg/kg</u>	<u>Skin LD50, mg/kg</u>	<u>Inhalation Vapor LC50, mg/L/4hr</u>	<u>Inhalation Dust/Mist LC50, mg/L/4hr</u>	<u>Inhalation Gas LC50, ppm</u>
Titanium dioxide - (13463-67-7)	10,000.00, Rat – Category: NA	10,000.00, Rabbit – Category: NA	No data available	6.82, Rat – Category: NA	No data available
2,2,4-trimethyl-1,3-pentenediol monoisobutyrate - (25265-77-4)	3,200.00, Rat – Category: 5	15,200.00 Rabbit – Category: NA	No data available	No data available	No data available
2-N-octyl-4-isothiazoline-3-one - (26530-20-1)	550.00, Rat – Category: 4	690.00 Rabbit – Category: 3	No data available	0.27, Rat – Category: 2	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the products ATE (Acute Toxicity Estimate).

Carcinogen Data

<u>CAS No.</u>	<u>Ingredient</u>	<u>Source</u>	<u>Value</u>
0013463-67-7	Titanium dioxide	IARC	Group 2b: Yes

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

<u>Ingredient</u>	<u>96 hr LC50 fish, mg/l</u>	<u>48 hr EC50 crustacea, mg/l</u>	<u>ErC50 algae, mg/l</u>
2-N-octyl-4-isothiazoline-3-one - (26530-20-1)	0.0555, Oncorhynchus mykiss	0.18, Daphnia magna	0.084 (72), Scenedesmus subspicatus

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

IMPERSOL™ EB Multi System Bleed Blocker

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains PBT/vPvB chemicals.

12.6. 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

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B

US EPA Tier II Hazards

Fire:	No
--------------	----

Sudden Release of Pressure:	No
------------------------------------	----

Reactive:	No
------------------	----

Immediate (Acute):	Yes
---------------------------	-----

Delayed (Chronic):	No
---------------------------	----

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

Titanium dioxide

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Titanium dioxide

IMPERSOL™ EB Multi System Bleed Blocker

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Pennsylvania RTK Substances (>1%):

Titanium dioxide

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

Revision date : 10/04/21

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

Bitec, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

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.

North America GHS US 2019 & WHMIS