



IM Prime

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 04/01/2020 Date of issue: 04/01/2020

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: IM Prime
Product Code: F02480

Intended Use of the Product

Polymer emulsion-based polymer. 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
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)

Non-hazardous

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :
Signal Word (GHS-US) :
Hazard Statements (GHS-US) :
Precautionary Statements (GHS-US) :

Other Hazards

Other Hazards Not Contributing to the Classification: Not available

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Water	(CAS No) 7732-18-5	40-60	
Propylene glycol	(CAS No) 57-55-6	1 – 5	
Acrylic co-polymer	Not established	30-40	
Texanol	(CAS No) 25265-77-4	.1-1	
Hydroxyethylcellulose	(CAS NO) 9004-62-0	.1-1	

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid Measures After Skin Contact: Wash with warm soapy water until clean. Area may become irritated if an allergy to the acrylic polymer exists.

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First-aid Measures After Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

First-aid Measures After Ingestion: If swallowed, do NOT induce vomiting. Drink 1 or 2 glasses of water. Consult a physician. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects, Both Acute and Delayed

General: Irritation to eyes, skin, and respiratory tract. Causes damage to organs (kidneys) (Oral).

Symptoms/Injuries After Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion may cause nausea, vomiting, and diarrhea.

Chronic Symptoms: Causes damage to organs though prolonged or repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

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: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Not available

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

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.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Propylene Glycol (57-55-6)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	10 mg/m ³

Calcium Carbonate (471-34-1)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Gloves. Protective goggles.

Hand Protection: Wear chemically resistant materials and fabrics.

Eye Protection: Chemical goggles or safety glasses. Face shield.

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.

Thermal Hazard Protection: Wear suitable protective clothing.

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

Physical State	: Liquid
Appearance	: Blue
Odor	: Slight
Boiling Point	: 100°C (212°F)
Auto-ignition Temperature	: <400°F / <204°C
Vapor Pressure	: >1 mmHg
Relative Density	: 12.4 lb/gal
Specific Gravity	: 1.05
Volatile Organic Compounds	: < 50 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Temperatures below 0°C.

Incompatible Materials: None known.

Hazardous Decomposition Products: None under normal use.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified.

LD50 and LC50 Data: Not available.

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Teratogenicity: Not available.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: May damage fertility or the unborn child.

Aspiration Hazard: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Symptoms/Injuries After Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness.

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Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion may cause nausea, vomiting, and diarrhea.

Chronic Symptoms: Causes damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

Acrylic Polymer Solution	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg

Propylene glycol (57-55-6)	
LD50 Oral Rat	20000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Ingredients

Propylene glycol (57-55-6)	
LC50 Fish 1	52930 mg/L (Exposure time: 96 h – Species: Pimephales promelas)
EC50 Daphnia 1	10000 mg/L (Exposure time: 48 h – Species: Daphnia magna)

Persistence and Degradability

Not established

Bioaccumulative Potential – Product

Not established

Bioaccumulative Potential – Ingredients

Mobility in Soil

No additional information available

Other Adverse Effects

Other Information: Avoid release to the environment.

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 for transport

In Accordance with IMDG – Not regulated for transport

In Accordance with IATA – Not regulated for transport

In Accordance with TDG – Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Acrylic polymer solution	
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	

Propylene glycol (57-55-6)	
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	

Cellulose, 2-hydroxyethyl ether (9004-62-0)	
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	

US State Regulations

Propylene glycol (57-55-6)	
RTK – U.S. – New Jersey – Right To Know Hazardous Substance List	
RTK – U.S. – Pennsylvania – RTK (Right To Know) List	

Canadian Regulations

Acrylic Polymer Solution	
Listed on the Canadian DSL (Domestic Substances List) Inventory	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

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Propylene glycol (57-55-6)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

Revision date : 04/01/2020

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.

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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.

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