

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: StrongHold Single Ply Primer

Product Code: F0252-SB 15235

Intended Use of the Product

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.bitec.com

Emergency Telephone Number

Emergency Number: 1-800-535-8597

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 2	H225
Asp. Tox. 1	H304
Skin Irrit. 2	H315
STOT SE 3	H336
Reproductive 2	H361
STOT RE 2	H373
Aquatic chronic 2	H411

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

Hazard Statements (GHS-US)

Precautionary Statements (GHS-US)

- : Danger
- : H225 – Highly flammable liquid and vapor.
H304 – May be fatal if swallowed and enters airways
H315 – Causes skin irritation.
H336 – May cause drowsiness or dizziness.
H361 – Suspected of damaging fertility or the unborn child.
H373 – May cause damage to organs through prolonged or repeated exposure
H411 – Toxic to aquatic life with long lasting effects
- : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).

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Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
In case of fire: Use for extinction: CO₂, powder or water spray.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)
Solvent naphtha (petroleum), light aliph.(VM&P)	(CAS No) 64742-89-8	90-100
Toluene	(CAS No) 108-88-3	5-10
Xylene	(CAS No) 1330-20-7	5-10

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Show this material safety data sheet to the doctor in attendance.

First-aid Measures After Inhalation: In case of unconsciousness place patient stably in side position for transportation. Call a doctor immediately. Overexposure, remove to fresh air and seek medical attention.

First-aid Measures After Skin Contact: Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.

First-aid Measures After Eye Contact: Rinse opened eye for 20 minutes under running water. Call a Doctor immediately.**First-aid Measures After Ingestion:** Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a doctor immediately. Seek medical treatment..

Most Important Symptoms and Effects, Both Acute and Delayed

General: May be fatal if swallowed and enters airways.

Causes skin irritation.

Suspected of damaging fertility or the unborn child.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: CO₂, sand, extinguishing powder. Do not use water.

Unsuitable Extinguishing Media For Safety Reasons: Water. Water and water with full jet

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire. Cool closed containers exposed to fire with water spray.

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

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons.

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: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No

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smoking. Avoid breathing vapor, mist, spray. Use only outdoors or in a well-ventilated area. 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. Use proper PPE.

Emergency Procedures: Ventilate area. Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Prevent entry to sewers and public waters.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and Material for Containment and Cleaning Up

For Containment: Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material.

Methods for Cleaning Up: Collect spillage. 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

Precautions for Safe Handling: Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Open containers in a well ventilated area and avoid breathing headspace vapors. Prevent formation of aerosols.

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 again when leaving work. Contaminated work clothing should not be allowed out of the workplace.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment.

Storage Conditions: Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. Solvent vapors are heavier than air and may spread along floors.

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

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Toluene 108-88-3

PEL Long-term value: 200 ppm

Ceiling limit value: 300; 500* ppm

*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m³, 150 ppm

Long-term value: 375 mg/m³, 100 ppm

TLV Long-term value: 75 mg/m³, 20 ppm

BEI

0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/L

Medium: urine

Time: end of shift

Parameter: Toluene

0.3 mg/g creatinine

Medium: urine

Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

Xylene 1330-20-7

PEL Long-term value: 435 mg/m³, 100 ppm

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REL Short-term value: 655 mg/m³, 150 ppm

Long-term value: 435 mg/m³, 100 ppm

TLV Short-term value: 651 mg/m³, 150 ppm

Long-term value: 434 mg/m³, 100 ppm

BEI

1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

Exposure Controls

Appropriate Engineering Controls: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Take precautionary measures against static discharges. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

Hand Protection: Solvent-resistant gloves

Eye Protection: Tightly sealed chemical goggles

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: When manufacturing or handling product in large quantities and vapors or mists may be generated, maintain airborne concentrations below recommended limits. Workplace risk assessments should be completed before specifying and implementing respirator usage. NIOSH approved respirators for protection should be used if respirators are found to be necessary.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	Clear
Odor	:	Solvent -like
Boiling Point	:	83 °C
Flash Point	:	7.8 °C
Danger of explosion:	:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Flammable limits:	:	Lower: 1.2 Vol % Upper: 7.0 Vol %
Vapor pressure at 20 °C (68 °F)	:	29 hPa (21.8 mm Hg)
Specific gravity at 20 °C (68 °F)	:	.8 g/cm ³ (6.676 lbs/gal)
Relative density	:	Not determined.
Vapor density	:	Not determined.
Evaporation rate	:	Not determined.
Solubility in / Miscibility with Water	:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	:	Not determined.
Viscosity:	:	Dynamic: Not determined. Kinematic: Not determined.
Solvent content:	:	Organic solvents: 82.5 %
Solids content:	:	15.0 %
Weight per Gallon	:	6.6 lbs/gal
VOC	:	<690 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Flammable liquid and vapor. Product is stable under recommended handling and storage conditions (see Section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). May release flammable gases.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

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Toluene	
LD50 Oral Rat	5,000 mg/kg
LD50 Dermal Rabbit	12,124 mg/kg
LC50 Inhalation Rabbit	5,320 mg/L 4 h

Primary irritant effect:

on the skin:

Skin irritant.

Irritant to skin and mucous membranes.

on the eye: Vapors may be irritating to the eyes.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic.

The product can cause inheritable damage

IARC (International Agency for Research on Cancer) Categories

108-88-3 toluene 3

1330-20-7 xylene 3

102-71-6 Triethanolamine 3

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – General: Expected to be harmful to aquatic organisms

Bioaccumulative potential No further relevant information available.

Persistence and degradability No further relevant information available.

Mobility in Soil No additional information available

General notes:

At present there are no ecotoxicological assessments.

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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.

Additional Information: Prevent runoff from entering drains, sewers, or waterways.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : Adhesives

Hazard Class : 3

Identification Number : UN1133

Packing Group : III

ERG Code : 130



In Accordance with IMDG

Proper Shipping Name : Adhesives

Hazard Class : 3

Identification Number : UN1133

Packing Group : III

Marine pollutant : Yes



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In Accordance with IATA

Proper Shipping Name : Adhesives
Hazard Class : 3
Identification Number : UN1133
Packing Group : III
ERG Code : 130



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 311/312 Hazard Classes

Fire hazard
Immediate (acute) health hazard
Delayed (chronic) health hazard

SARA Section 302 Threshold Planning Quantity (TPQ)

This material does not contain any components with a section 302 EHS TPQ.

SARA Section 312 – Emission Reporting

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 313 (Specific toxic chemical listings):

108-88-3 toluene
1330-20-7 xylene

TSCA (Toxic Substances Control Act):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Hazardous Air Pollutants

108-88-3 toluene
1330-20-7 xylene

Proposition 65



WARNING: This product can expose you to chemicals including toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

(DSL) Canada Domestic Substance List

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

Carcinogenicity categories

EPA (Environmental Protection Agency)

108-88-3 toluene II
1330-20-7 xylene I

TLV (Threshold Limit Value established by ACGIH)

108-88-3 toluene A4
1330-20-7 xylene A4

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

Revision date : 03/27/2026

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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North America GHS US 2019 & WHMIS