

SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Star Bond Latex Additive

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Additive

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: JAMO
3490 Piedmont Road, Suite 1300
Atlanta, GA 30329

Telephone Number: (562)-598-8808

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

1910.1200 (OSHA HAZCOM2012)

This product is NOT considered as a hazardous substance or mixture as defined in 29 CFR 1910.1200

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
None

2.2b HAZARD STATEMENTS
None

2.2c HAZARD PICTOGRAMS
None

2.2d PRECAUTIONARY STATEMENTS
None

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2.3 ADDITIONAL INFORMATION

2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED

None

2.3b UNKNOWN ACUTE TOXICITY

None

2.3c WHMIS CLASSIFICATION

This product is NOT considered a controlled substance or mixture as defined in the WHMIS Requirements of the Hazardous Products Act and Controlled Products Regulations

2.3d LABEL ELEMENTS ACCORDING TO WHMIS

i. WHMIS HAZARD SYMBOLS WORD

None

ii. SIGNAL WORD

None

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

This product is not considered a hazardous or controlled substance as defined in the Controlled Products Regulations and in 29 CFR 1910.1200.

No components need to be disclosed according to the applicable regulations.

Section 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	In case of contact, flush eyes with plenty of water as a precaution
Skin Contact:	If irritation develops, flush skin with plenty of water. If irritation persists, get medical advice/attention.
Inhalation:	Under normal conditions of use and handling, no inhalation hazard is present. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical

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advice/attention.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	May cause eye irritation
Skin Contact:	May cause skin irritation
Inhalation:	Not applicable.
Ingestion:	Ingestion may cause discomfort and/or distress, nausea or vomiting.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA

5.2a. Suitable Extinguishing Media:
Treat for surrounding material.

5.2b. Unsuitable Extinguishing Media:
Not available.

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

5.3a. Products of Combustion:
May include, and are not limited to: oxides of carbon

5.3b. Explosion Data

i. Sensitivity to Mechanical Impact:
Not available.

ii. Sensitivity to Static Discharge:
Not available.

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Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Prevent entry into sewage and waterways.

Methods for Cleaning-Up: Rinse off with water, but do NOT let rinse water enter into sewage and waterways. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear chemical resistant gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally.

General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Keep container tightly closed. Store between +5°C and +35°C protected from frost and direct sunlight. Keep containers closed when not in use

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

Exposure Guidelines

Not applicable

8.2 EXPOSURE CONTROLS

Engineering Controls: Use general industrial hygiene practice

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8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection as a precaution [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
 - 1. **Hand Protection:** Wear suitable gloves as a precaution.
 - 2. **Body Protection:** Not applicable
- iii. **Respiratory Protection:** Not applicable
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Liquid, White
Odor:	Characteristic
Odor Threshold:	Not available
pH:	~ 7 – 9
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	~100°C (~212°F)
Flash point:	Not available
Evaporation rate (Water=1):	Not available
Flammability:	Not flammable
Upper Flammability/Explosive Limit:	Not available
Lower Flammability/Explosive Limit:	Not available
Vapor Pressure	Not available
Vapor Density:	Not available
Relative Density:	~ 0.96 – 1.1 g/ml
Solubility in Water:	Moderately Soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (cps):	Not available
VOC Content:	10 g/L

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

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10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION

No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID

Heat and incompatible materials

10.5. INCOMPATIBLE MATERIALS

Not available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact and eye contact

11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

Eye Contact: May cause eye irritation. In case of contact, flush eyes with plenty of water as a precaution

Skin Contact: May cause skin irritation. If irritation develops, flush skin with plenty of water. If irritation persists, get medical advice/attention

Inhalation: Under normal conditions of use and handling, no inhalation hazard is present.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Acute toxicity: None

Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65): None

11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

Not available

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Section 12: ECOLOGICAL INFORMATION

- 12.1. ECOTOXICITY**
Not available
- 12.2. PERSISTENCE AND DEGRADABILITY**
Not available
- 12.3. BIOACCUMULATIVE POTENTIAL**
Not available
- 12.4. MOBILITY IN SOIL**
Not available
- 12.5. OTHER ADVERSE EFFECTS**
Not available

Section 13: DISPOSAL CONSIDERATIONS

- 13.1. DISPOSAL METHOD**
Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations
- 13.2. OTHER DISPOSAL CONSIDERATIONS**
Not available

Section 14: TRANSPORT INFORMATION

DOT (U.S.)	TDG (CANADA)
UN NUMBER: Not regulated	UN NUMBER: Not regulated
UN PROPER SHIPPING NAME: Not regulated	UN PROPER SHIPPING NAME: Not regulated
TRANSPORT HAZARD CLASS (ES): Not regulated	TRANSPORT HAZARD CLASS (ES): Not regulated
PACKING GROUP (if applicable): Not regulated	PACKING GROUP (if applicable): Not regulated

SUMMARY: Product is NOT regulated under DOT/TDG transportation regulations.

- 14.1. ENVIRONMENTAL HAZARDS**
Not available

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14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE
 Not available

14.3. SPECIAL PRECAUTIONS FOR USER
 Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

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

US: SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

15.2. US FEDERAL INFORMATION:

This product does not contain any hazards in accordance to the Superfund Amendments and Reauthorization Act of 1986 Title III (SARA Title III, Section 302/304/313)

15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:	WARNING! This product does NOT contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
Other U.S. States "Right to Know" Lists:	
New Jersey:	Water: CAS#:7732-18-5 Styrene-butadiene based polymer: CAS#: Not Available
Pennsylvania:	Water: CAS#:7732-18-5 Styrene-butadiene based polymer: CAS#: Not Available
Massachusetts:	Water: CAS#:7732-18-5 Styrene-butadiene based polymer: CAS#: Not Available
Minnesota:	Not Available
Florida:	Not Available
Michigan:	Not Available

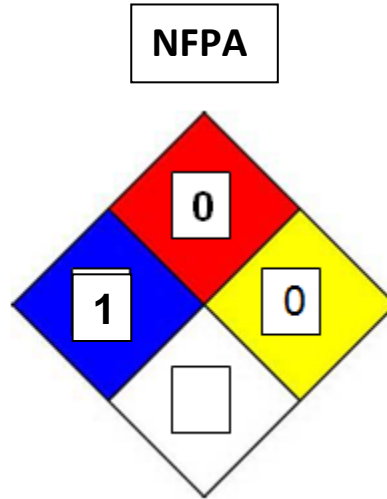
15.4. GLOBAL INVENTORIES

All Ingredients are listed in the TSCA and DSL/NDSL inventory.

15.5. NFPA AND HMIS RATINGS:

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<p align="center">HEALTH HAZARD</p> <p>4 EXTREME - Highly toxic - May be fatal on short-term exposure.</p> <p>3 SERIOUS - Toxic - Full protective suit and breathing apparatus should be worn.</p> <p>2 MODERATE - Breathing apparatus and face mask must be worn.</p> <p>1 SLIGHT - Breathing apparatus may be worn.</p> <p>0 MINIMAL - No precautions necessary.</p>	<p align="center">FLAMMABILITY HAZARD</p> <p>4 EXTREME - Extremely flammable gas or liquid. Flash Point below 73°F.</p> <p>3 SERIOUS - Flammable. Flash Point 73°F to 100°F.</p> <p>2 MODERATE - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.</p> <p>1 SLIGHT - Slightly combustible. Requires strong heating to ignite.</p> <p>0 MINIMAL - Will not burn under normal conditions.</p>
<p align="center">SPECIFIC HAZARD</p> <p>OXIDIZER OXY</p> <p>ACID ACID</p> <p>ALKALI ALK</p> <p>CORROSIVE COR</p> <p>Use NO WATER W</p> <p>RADIATION ☸</p>	<p align="center">INSTABILITY HAZARD</p> <p>4 EXTREME - Explosive at room temperature.</p> <p>3 SERIOUS - May detonate if shocked or heated under confinement or mixed with water.</p> <p>2 MODERATE - Unstable. May react with water.</p> <p>1 SLIGHT - May react if heated or mixed with water.</p> <p>0 MINIMAL - Normally stable. Does not react with water.</p>



Hazard Index	
4	Severe Hazard
3	Serious Hazard
2	Moderate Hazard
1	Slight Hazard
0	Minimal Hazard

HMIS

1 HEALTH	PROTECTIVE EQUIPMENT INDEX	
0 FLAMMABILITY	A	G
0 REACTIVITY	B	H
0 PERSONAL PROTECTION	C	I
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	E	K
	F	X Ask your supervisor for special handling instructions.

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15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer <ul style="list-style-type: none"> • 1 – The agent (mixture) is carcinogenic to humans • 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. • 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program <ul style="list-style-type: none"> • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

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End of Safety Data Sheet