



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **E.L.A. Enhanced Latex Additive**
Item Number: **12065** Date: **March 1, 2004**
Chemical Name: **Styrene butadiene copolymer and water mixture**
Comparable Products: **None**
Company Information: **The Brewer Company**
1354 U.S. Hwy. 50
Milford, OH 45150

Emergency Phone: **CHEMTREC 800-424-9300 24 HOURS**
General Information **800-394-0017**

2. COMPOSITION/ INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS NO.</u>	<u>% by Weight</u>
Water	7732-18-5	65-75
Polymer	Proprietary	25-35
Bicyclic Oxazolidines	56709-13-8	Less than 200 ppm
Styrene	100-42-5	Less than 200 ppm
1,3-butadiene	106-99-0	Less than 5 ppm

Note: The above components and their percentages are provided for health and safety purposes, ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance and odor: **Milky white thin liquid with an ammoniacal odor**

WARNING STATEMENTS: **Harmful if swallowed. May cause eye and skin irritation.**

POTENTIAL HEALTH EFFECTS:

Likely Routes of Exposure:

EYE CONTACT: Conjunctivitis, irritation, tearing.
SKIN CONTACT: Irritation or inflammation. Allergic skin reactions may occur.
INHALATION: Not expected to be an inhalation hazard.
INGESTION: Considered unlikely.

Refer to Section 11 for toxicological information.

4. FIRST AID MEASURES

IF IN EYES: Immediately flush with large amounts of potable water. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

IF ON SKIN: Remove clothing and wash with soap and water.

IF INHALED: Not expected to be an inhalation hazard

IF INGESTED: Do not induce vomiting – aspiration hazard. If spontaneous vomiting occurs, monitor for breathing difficulty. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT:	Water-based, not applicable. Will not burn until cured.
HAZARDOUS PRODUCTS OF COMBUSTIONS:	CO, CO ₂ and NOX
EXTINGUISHING MEDIA:	Foam CO ₂ or dry chemical extinguishers
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Stable. Water may cause frothing

6. ACCIDENTAL RELEASE MEASURES

If your facility or operation has an "oil or hazardous substance contingency plan", activate the procedure. Take immediate steps to stop and contain the spill.

- Keep people away.
 - Recover free product, add limestone, earth, or other suitable absorbents.
 - Minimize skin contact and avoid breathing vapors.
 - Ventilate confined spaces.
 - Keep product out of sewers and waterways by diking or impounding.
 - Advise authorities if product has entered sewers, waterways or extensive land areas.
 - Assure conformity with all applicable government regulations.
 - Dispose of in an approved facility, see Section 13, Disposal Considerations.
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7. HANDLING AND STORAGE

HANDLING:	Wear protective clothing, gloves and OSHA approved eye protection. When not in use, securely replace lid on open containers
STORAGE:	Store in a cool dry, away from heat and corrosion sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:	OSHA approved glasses, goggles or full face shield. Have eye baths readily available. Do not wear contact lenses.	
SKIN PROTECTION:	Wear impervious gloves and clothing to prevent skin contact.	
RESPIRATORY PROTECTION:	Not applicable	
VENTILATION:	Maintain positive flow of fresh air.	
AIRBORNE EXPOSURE LIMITS:	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Styrene	CEIL-200 ppm, STEL-600 ppm, TWA-100 ppm	STEL-40 ppm, TWA-20 ppm
1,3-butadiene	STEL-5 ppm, TWA-1 ppm	TWA-2 ppm

Note: All pigments, fillers, fibers and extenders in this product are totally encapsulated and do not pose a respirable dust hazard during installation and use of this product.

Components referred to herein, may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be use.

9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL FORMULA:	Not applicable, mixture
APPEARANCE:	Thin, milky white liquid
ODOR:	Mild ammonia odor
pH:	Approximately 8.0 – 10.
MELTING POINT (°F):	Not applicable
DENSITY (lb./gal):	Greater than 8.4

SOLUBILITY IN WATER: Insoluble but miscible with water

NOTE: *These physical data are typical values based on material testing, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.*

10. STABILITY AND REACTIVITY

STABILITY:	Stable.
MATERIALS TO AVOID:	Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO ₂ and NOX
HAZARDOUS POLYMERIZATION:	None

11. TOXICOLOGICAL INFORMATION

Oral – rat LD50 (mg/kg):	Bicyclic Oxazolidines	2974
Dermal – rabbit LD50 (mg/kg):	Bicyclic Oxazolidines	> 2000
Eye Irritation – rabbit:		No data available
Skin Irritation – rabbit (24-hr exposure):		No data available

12. ECOLOGICAL INFORMATION

This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

13. DISPOSAL CONSIDERATIONS

This product, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations. It could be designated as a hazardous waste according to state regulations. This product could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. If such contact occurs, consult 40 CFR, to determine whether it is a hazardous waste.

The transportation, storage, treatment and disposal of this waste must be conducted in accordance with all applicable federal, state and local regulations.

14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT: Not classified as a hazardous material under HM-181

CANADIAN TDG: Not determined

15. REGULATORY INFORMATION

TSCA INVENTORY:	Not determined
DSL INVENTORY:	Not determined
WHMIS CLASSIFICATION:	Not determined
SARA HAZARD NOTIFICATION:	
Hazardous Categories Under Title III Rules (40 CFR 370):	Not applicable
Section 302 Extremely Hazardous Substances:	Not applicable
Section 313 Toxic Chemical(s):	Not applicable

