

Safety Data Sheet

ES 110

Date Issued: March 16, 2023

Revision No: 3

Supersedes Date: March 23, 2022

Section 1. Product Description

1.1 Product Name: EverStrong ES 110

1.2 Recommended Use: Industrial adhesive applications

1.3 Manufacturer: and address: NewStar Adhesives Inc
66 Gilreath Rd SE
Cartersville, GA 30121

Information Contact: PH 866-735-9876 FX 770-607-3637

Emergency Contact: 800-424-9300 (CHEMTREC- Transportation Spill Response 24 hours)

Section 2. Hazard Identification

2.1 Hazard Classification

Flammable Liquid: Category 1

Serious Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Simple Asphyxiant

2.2.1 Label elements

Signal Word:

DANGER

Symbols



Hazard Statements:

Extremely flammable liquid and vapor.

Causes serious eye irritation.

Causes skin irritation.

May cause drowsiness or dizziness.

May cause cancer.

May displace oxygen and cause rapid suffocation.

PRECAUTIONARY STATEMENTS:

Prevention:

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 only non-sparking tools.
Take precautionary measure against static discharge.
Keep containers tightly closed.
Use explosion proof electrical/ventilating/lighting equipment.
Do not breathe dust/fumes/gas/vapors/mist/spray.
Use only outdoors or in well-ventilated areas.
Wear protective clothing and eye/face protection.
Do not eat, drink, or smoke when using this product.
Wash thoroughly after handling.

Response

IF INHALED: Remove to fresh air and keep comfortable for breathing.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water and shower. If irritation persists, seek medical attention. Continue to rinse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

STORAGE

Protect from sunlight.
Keep cool.
Keep container tightly closed.
Store locked up in a well-ventilated place.

DISPOSAL

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3. Composition/ Information on Ingredients

Chemical Name	C.A.S. Number	%
Methyl Acetate	79-20-9	70-80 %

Section 4. First Aid Measures

Skin Contact: Wash with plenty of water. Wash contaminated clothing after use.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical assistance. If breathing has stopped, give artificial respiration.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Immediately call a POISON CENTER or doctor/physician if you feel unwell. If exposed or if you feel unwell get medical advice/attention. Do not induce vomiting.

Section 5. Firefighting Procedures

Extinguishing Media: Use water spray, dry chemical, CO₂, or appropriate foam.

Firefighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Fire and/or Explosion Hazards: Containers exposed to heat may explode.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, ketone.

Further Information: Containers exposed to high heat from fire or other sources may build pressure and explode. Use water spray to cool unopened containers.

Section 6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapors can accumulate in low areas.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Cover with commercially available nonflammable inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Collect waste and dispose of in accordance with all applicable local/state/federal regulations.

SECTION 7. Handling and Storage

Handling: Avoid breathing vapors. Use personal protection equipment as required. In case of inadequate ventilation wear respiratory protection. Do not eat, drink, or smoke when using this product. Wash contaminated clothing and skin after use.

Storage: Store in a well-ventilated space. Protect from direct sunlight. Do not expose to temperatures exceeding 50°C/122°F.

SECTION 8. Protection Information

Hazardous Component	Authority	Type	Limit
Methyl Acetate	OSHA	TWA	200 ppm
Methyl Acetate	ACGIC	TWA	200 ppm
Methyl Acetate	NIOSH	TWA	200 ppm

SOURCES OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

IARC: International Agency for the Research on Cancer

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

Control Parameters

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment (PPE):

Eyes/Face: Safety goggles or safety glasses with side shields.

Skin: Protective gloves such as Viton, PVA or equivalent and impervious clothing.

Respiratory: In operations where exposure limits are exceeded, use a NIOSH approved respirator suitable for the specific work conditions.

Hygiene: Avoid contact with skin, eyes, and clothing. Wash promptly with soap and water if skin becomes contaminated. Remove and wash contaminated clothing after use. Do not eat, drink, or smoke when using.

SECTION 9. Physical Data

Odor, Color: Organic solvent odor, clear or red in color

Boiling point: 55.8 C

Flash Point: - 55.6 C

Vapor Pressure: Not Determined

Vapor Density Not Determined

Specific Gravity .90 – .94 g/cc

Solubility in Water: Negligible

Volatile Organic Compounds: 0 %

Volatile Organic Compound: 0 g/L

SECTION 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid high temperatures.

Incompatible Materials: None known.

Hazardous Polymerization: Will not occur.

Hazardous By-Products: Combustion may result in formation of monoxide and carbon dioxide and hydrocarbons.

SECTION 11. Toxicological Information

Typical Routes of Entry:

Inhalation, simple asphyxiation. May include increase heart rate and drowsiness

Skin Contact. Skin irritation, dryness, and pain.

Eye contact: signs may include insignificant redness, swelling, pain, tearing and cloudy appearance around the cornea and impaired vision.

Ingestion: Maybe harmful if swallowed. Gastrointestinal irritation.

SECTION 12. Ecological Data

No data

SECTION 13. Disposal Considerations

Waste Disposal Method:

Dispose of only by a permitted hazardous waste TSD facility in accordance with all local/state/federal regulations.

SECTION 14. Transportation Information

DOT Proper Shipping Name:

Chemicals Under Pressure, Flammable, N.O.S., (Nitrogen, Methyl Acetate)
Hazard Class: 2.1
UN #: UN3501
Packing Group: None
Label: DOT Red Diamond 2

SECTION 15. Regulatory Information

313 Hazard Categories:

Fire Hazard – Yes

Pressure Hazard – Yes

Reactivity Hazard – No

Immediate Hazard – Yes

Delayed Hazard – Yes

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65

Ingredient

None known.

HMIS Hazard Rating

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Health: 2

Flammability: 3

Reactivity: 0

Special Hazard: None

SECTION 16. *Other Information*

DISCLAIMER: The information in this Material Safety Data Sheet (SDS) is believed to be correct as of the date issued. NEWSTAR MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. The user is responsible for determining whether the NEWSTAR product is fit for a particular purpose and suitable for users' method of use or application, given the variety of factors that can affect the use and application of a NEWSTAR product, many of which are solely within the user's knowledge and control. It is essential that the user evaluate the NEWSTAR product to determine whether it is fit for a particular purpose and suitable for users' method of use or application.