

Safety Data Sheet
Bullseye Quick Wrap

I. Product and Company Identification

Product Name: Bullseye Quick Wrap
 Supplier: NRI 3875 Fiscal Court, Ste #100 Riviera Beach, FL 33404 (561) 683-6992
 Emergency Phone Number: 800-535-5053
 Product Description: High performance fire proofing and insulation material
 Product Use: Fire proofing
 Chemical Name or Synonym: N/A

II. Hazards Identification

Classification of the substance or mixture
 Skin corrosion/irritation – Category 2
 Eye damage/eye irritation – Category 2B
 Flammable liquids – Category 1



GHS07

Hazard Statements:

H315 Causes skin irritation.

H320 Causes eye irritation.

Signal Word: WARNING!

Precautionary Statement:

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P337 + P313 If eye irritation persists: Get medical attention

Hazardous Materials Identification System – HMIS (R):

Health Hazard: 2

Flammability: 3

Reactivity: 2

III. Composition/ Information on Ingredients

Component	CAS #	% Composition
Unsaturated polyester base resin	N/A	18.3 – 19.2
Styrene	100-42-5	10.8
Fiberglass Cloth (textile grade)	65887-17-3	65-70
Fibrous glass dust	65997-17-3	<0.5
Organically bound silanes	7803-62-5	0.02-0.08

IV. First Aid Measures

First Aid Measures for Accidental:

Eye Exposure: Flush with copious amount of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

Skin Exposure: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. If symptom persists, get medical attention.

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Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

Ingestion: Do not induce vomiting. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. Get medical attention.

Most important symptoms/effects, acute and delayed:

Acute Inhalation: Excessive inhalation of vapors can cause nasal irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

Acute Eye: Can cause severe irritation, redness, tearing, blurred vision.

Acute Skin contact: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Acute ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

Over-exposure signs/symptoms: Overexposure to this material or its components has been suggested as a cause of the following effects in laboratory animals, and may aggravate pre-existing disorders of these organs in humans: mild, reversible kidney effects, effects on hearing, respiratory tract, testis, liver, central nervous system effects, mild effects on color vision.

Notes to Physician: None

V. Fire Fighting Measures

Extinguishing Media: Foam, carbon dioxide, dry chemical or water fog.

Special Fire Fighting Procedures: Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases produced by a fire.

Special Protective Equipment for Fire-fighters: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. Wear positive pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes helmet, coat, pants, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant clothing with SCBA.

Unusual Fire and Explosion Hazards: Product is a super-insulation material. Rolls of material can retain heat within internal layers and re-ignite combustible materials if heat is not removed.

Hazardous Decomposition Materials (Under Fire Conditions): May form toxic materials such as carbon dioxide, carbon monoxide and various hydrocarbons.

VI. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Eliminate all ignition sources like flares, flames including pilot lights and electrical sparks. No action shall be taken involving any personal risk or without suitable training. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Cleanup and Disposal of Spill: Stop spill at source, dike area of spill to prevent spreading, shovel or pump to tank or drums. Remaining liquid may be absorbed in sand, clay, earth or other absorbent material and shoveled into containers.

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VII. Handling and Storage

Precautions for safe handling: Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Avoid contact with skin and eyes. Do not breathe aerosols or vapors. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Ensure good ventilation/exhaustion at the workplace.

Conditions for safe storage including any incompatibilities: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Storage at temperature between 64 °F and 86 °F. Keep away from humidity and water. Keep container tightly closed and sealed until ready for use.

VIII. Exposure Controls / Personal Protection

Component	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs (TWA)
Styrene	50 ppm	ND	50 ppm
Fibrous glass dust	5 mg/m ³ (inhalable)	ND	5 mg/m ³ (respirable)

Appropriate Engineering Controls: Local exhaust should be used to maintain levels below the TLV whenever MDI is processed, heated or spray applied. Standard reference sources regarding industrial ventilation (i.e., ACGIH Industrial Ventilation) should be consulted for guidance about adequate ventilation.

Personal Protective Equipment:

Respiratory Protection: If PEL of the product or any component is exceeded, an NIOSH/MSHA approved respirator is advised in absence of proper engineering control. In case of brief exposure or low pollution use respiratory filter device.

Eye / Face Protection: Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA's eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.

Skin Protection: The glove material has to be impermeable and resistant to the product. Cover as much of the exposed area as possible with protective clothing.

IX. Physical and Chemical Properties

Physical Appearance:	Fiberglass cloth coated with viscous resin.	
Odor:	Pungent	
Odor Threshold:	ND	
pH:	ND	
Melting Point Range:	NA	
Boiling point:	293.4 °F at 760 mm Hg	
Flash Point:	88 °F for volatile component	
Evaporation rate:	Slower than ether	
Method Used:	Pensky-Martens Closed Cup	
Flammability Limits (vol/vol%):	Lower: 1.1% (styrene)	Upper: 6.1 % (styrene)
Vapor Pressure:	4.3 mm Hg at 68 °F	
Vapor Density:	3.6 (Air = 1)	
Relative Density:	ND	
Specific Gravity:	1.0 – 1.2 (resin)	2.5 (glass fiber)
Water Solubility:	Not soluble.	
Partition coefficient (n-octanol/water):	ND.	
Auto-ignition Temperature:	ND	
Decomposition Temperature:	ND	
Viscosity:	ND	

X. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: Stable under standard use and storage conditions.

Possibility of Hazardous reactions: No dangerous reactions known. Hazardous polymerization can occur. Polymerization can be catalyzed by water and strong bases.

Conditions to Avoid: Exposure to excessive heat or open flame, storage in open containers, storage above 100 °F and contamination with oxidizing agents.

Incompatible Materials / Chemicals: Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, low molecular weight hydrocarbons and organic acids.

XI. Toxicological Information

Symptoms:

Inhalation: Excessive inhalation of vapors can cause nasal irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation

Eye Contact: Can cause severe irritation, redness, tearing, blurred vision.

Skin Contact: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

Chronic Health Effects

Carcinogenicity: The International Agency for Research on Cancer (IARC) has classified styrene as a possible to humans (Group 2B) based on limited evidence in humans, limited evidence in animals and other relevant data. The National Toxicology Program listed styrene as reasonably anticipated to be a human carcinogen based on limited evidence from studies in humans, sufficient evidence from studies in experimental animals and supporting data on mechanisms of carcinogenesis. Styrene is not expected to cause cancer in humans at concentrations below the recommended exposure standard or when appropriate industrial hygiene procedures are followed. Moreover, studies in human exposed for long periods of time to styrene have not demonstrated ant carcinogenic effects.

Mutagenicity (Effects on genetic material): No data available.

Numerical measures of toxicity: No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure:

Short term exposure: No specific data.

Long term exposure: No specific data

Carcinogenic Categories:

IARC (International Agency for Research on Cancer)

Styrene 2B

XII. Ecological Information

Ecotoxicity: No further relevant information available.

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

XIII. Disposal Considerations

Waste treatment methods: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings: Dispose of in accordance to all local, state, and/or national legislation.

XIV. Transport Information

Department of Transportation for the resin:

UN Number: UN-1866

UN Proper Shipping Name: Resin Solution

Transport Hazard Class: 3

Packing Group: III

Label: Flammable liquid

Additional Information: RQ for Styrene = 1000 pounds. For shipments in a single container exceeding the RQ for styrene the letters RQ must appear in the proper shipping name

XV. Regulatory Information

NTP: None of the ingredients is listed

XVI. Other Information

Key Legend Information:

N/A – Not Applicable

ND – Not Determined

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

NIOSH – National Institute for Occupational Safety and Health

The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not as product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. NRI makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. NRI assumes no responsibility for injury from the use of the product described herein. The information is intended only to assist in the safe handling of this material.

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