



MATERIAL SAFETY DATA SHEET



Advanced Composite Membranes

SECTION 1: MATERIAL IDENTIFICATION AND USE

Manufacturer's Name: Northern Elastomeric, Inc. (NEI)
Address: 50 Pine Road, Brentwood, NH 03833
Telephone Numbers: Information - (603) 778-8899
Emergency -1-800-998-4634 Emergency (24 hours) INFOTRAC 800-535-5053
Effective Date: October 1, 1996
Chemical Family: Mixture
Chemical Formula: Proprietary
Material Use: Self Adhesive Membrane

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Component	OSHA-PEL	ACGIH TLV	LD50	% Wt
Petroleum Asphalt CAS # 8052-42-4		5.0mg/m	5-15g/Kg	>50%
Petroleum Oil CAS # 64741-88-4		0.2000 TWA		<15%

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point
Not Applicable

Vapor Pressure (mm Hg)
Not Applicable

Vapor Density (Air=1)
Not Applicable

Solubility In Water
Insoluble

Specific Gravity (H₂O=1)
1.2

Melting Point
>200°F

Evaporation Rate (Bu AC=1)
Not Applicable

Appearance and Odor
Black Solid
Slight Petroleum Odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (Method)
>410°F (T.O.C)

Sensitivity to Static Discharge
Not Determined

Upper Explosion Limits
Not Determined

Lower Explosion Limits
Not Determined

SECTION 4: FIRE AND EXPLOSION DATA (con't.)

Extinguishing Media

Standard Fire Extinguisher Water Spray, Regular Foam, Dry Chemical or Carbon Dioxide

Special Fire Fighting Procedures

The use of self-contained breathing apparatus is recommended for firefighters.

Unusual Fire And Explosion Hazards None Known

Flammability Will Support Combustion

Under What Conditions Direct Flame

SECTION 5: REACTIVITY DATA

Stability

Stable

Conditions To Avoid

Not Applicable

Incompatibility

Not Applicable

Hazardous Decomposition/Combustion Products

Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen and Sulfur

Hazardous Polymerization

Will Not Occur

Conditions To Avoid

Not Applicable

SECTION 6: HEALTH HAZARD DATA

Primary Routes of Entry

Inhalation

Skin

XX

Ingestion

XX

Effects of Overexposure (Acute and Chronic)

Skin: Avoid contact with skin. Excessive exposure may cause irritation to eyes, nose, throat and skin. Prolonged and repeated skin contact may cause skin irritation. **Ingestion:** Slightly toxic

Emergency and First Aid Procedures

Inhalation: Not Applicable

Skin: Wash thoroughly with soap and water. If redness or irritation develops, obtain medical assistance.

Eyes: Flush with water at least 15 minutes. Obtain medical assistance.

Ingestion: Drink liquids. Obtain medical assistance.

Medical Conditions Aggravated By Exposure:

Disorders or Diseases of the Skin, Eye, Respiratory Track or Allergies

Carcinogenicity

No

NTP

No

IARC Monographs OSHA Regulated

Irritant

Yes

Sensitizer

Yes

Mutagenic

No

Teratogenic

No

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedures

Follow Federal, State and Local Regulations
Not a RCRA Hazardous Waste

Waste Disposal Method

Dispose in a licensed waste disposal facility in accordance with all applicable federal, state and local laws, codes and regulations.

Precautions To Be Taken In Handling And Storage

Do not ingest. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling, especially prior to eating or smoking. Launder soiled clothes.

Other Precautions

Keep Out of Reach of Children

SECTION 8: EXPOSURE CONTROL

Respiratory Protection

Not Applicable

Ventilation

Not Applicable

Protective Gloves

Yes. Polyvinyl chloride (PVC), neoprene, nitrile, polyvinyl alcohol (PVA) or viton gloves have been found to be effective.

Eye Protection

Not Applicable

Other Protective Clothing Or Equipment

Not Applicable

Hygienic Practices

Wash thoroughly after handling, especially prior to eating or smoking. Wash clothing before reuse.

SECTION 9: REGULATORY INFORMATION

Reportable Quantity	Not Applicable
RCRA Hazardous Waste No.	Not A RCRA Hazardous Waste
Proper Shipping Name	Asphaltic Roofing Material
DOT Hazard Class	Not Required
Identification Number	Not Required
Volatile Organic Content	Not Applicable
Label Requirements	Not Required