

**MATERIAL SAFETY DATA SHEET**

ALCO-NVC, INC  
 PO BOX 14001  
 580 ST JEAN  
 DETROIT MI 48214

313-823-7500  
 FAX: 313-331-4726

**PRODUCT:** # 310 ALCO Fiber Expansion Joint

**SECTION 1 PRODUCT IDENTIFICATION**

Trade Name: Fiber Expansion Joint  
 Description: Black solid sheet in various thicknesses and lengths  
 Hazard Rating: 1 – Health 1 – Fire 0 – Reactivity  
 (0=Least; 4=Extreme)

**SECTION 2 HAZARDOUS INGREDIENTS**

Chemical Name:	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
Petroleum Asphalt	None Established	5mg/m <sup>3</sup>
CAS #8052-42-4		8 HR TWA (Asphalt Fumes)

None of the components of this product are recognized as carcinogenic. Fiber expansion joint is defined by OSHA (29 CFR Part 1910) as an "Article". A manufactured item which is formed to a specific shape design during manufacture which does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use.

**SECTION 3 PHYSICAL/CHEMICAL DATA**

Boiling Point: Not Applicable  
 Vapor Density: Not Applicable  
 Appearance: Black solid sheet in various thicknesses and lengths

**SECTION 4 FIRE & EXPLOSION DATA**

Flash Point: > 400<sup>o</sup> F.  
 Upper Explosive Limit (UEL): Not Applicable  
 Lower Explosive Limit (LEL): Not Applicable  
 Sensitive to Static Discharge: No  
 Fire Fighting Procedures: Treat as fuel oil fire  
 Extinguishing Media: Carbon Dioxide, Water Fog, Foam, Dry Chemical  
 Flammability: NFPA – None  
 DOT – Not Regulated

**SECTION 5 REACTIVITY DATA**

This material is stable.  
 Materials to Avoid: Strong oxidizing agents  
 Hazardous Polymerization: Will not occur  
 Combustion/Decomposition Product: Combustion may yield Carbon Monoxide, Carbon Dioxide and incomplete combustion

**SECTION 6 HEALTH HAZARD DATA**

Primary Routes of Entry: Inhalation, Skin, Ingestion, Eyes  
 Effects of Over Exposure (Chronic): Prolonged or repeated contact with this product may result in irritation and dermatitis.

Asphalt: The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of extracts of steam refined bitumens, air-refined bitumens and pooled mixtures of steam- and air-refined bitumens in experimental animals. Possible skin cancer hazard based on tests with laboratory animals. This product may contain polynuclear aromatic hydro-carbons, some of which may be types that have been shown to cause skin cancer in laboratory animals. This product has not been tested as a whole for all potential health effects. It may have other health hazards related to its components.

skin contact, breathing of mists, fumes or vapors should be reduced to a minimum to avoid any ill effects. Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced.

California Proposition 65: This product contains detectable amounts of some chemicals known to the state of California to cause cancer, birth defects or other reproductive effects.

Effects of Over Exposure (Acute):

Inhalation – Under normal use, this product is not hazardous via inhalation

Skin – Prolonged contact may cause mechanical irritation

Ingestion – This product has low order of toxicity. If symptoms of gastrointestinal irritation develop, seek medical attention

Eyes – May cause mechanical irritation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with a history of chronic skin or respiratory disorders may be at increased risk for a worsening of their condition from exposure to this product.

### **SECTION 7 FIRST AID PROCEDURE**

Skin: Flush with water to remove fibers. Wash affected area with soap and water if available.

Eyes: Flush with large amounts of water to remove fibers. If condition persists, consult a physician.

Inhalation: None normally required.

Ingestion: None normally required.

### **SECTION 8 PREVENTATIVE MEASURES/SAFE HANDLING & USE**

Leak and Spill Procedure: Not Applicable. Product is a solid.

Waste Disposal: In some areas this product may be considered non-hazardous special waste if disposed of in a permitted landfill. Consult Federal, State and Local regulations.

### **SECTION 9 CONTROL PROTECTION DATA**

Ventilation: Normally not needed.

Gloves: Leather type work gloves

Eye Protection: Safety glasses

Additional Personal Protection Equipment: Requirements must be supplied by the user, depending on use conditions.

### **SECTION 10 REGULATORY INFORMATION**

Reportable Quantity: None

RCRA Hazardous Waste No.: None

DOT Proper Shipping Name: Not regulated by DOT

Identification Number: NMFC 170570

### **SECTION 11 SHIPPING INFORMATION**

DOT Shipping Description: Not Regulated

ID #: None

Labels Required: None

Packaging Requirements (49 CFR)(Specific): None

### **SECTION 12 USER RESPONSIBILITY**

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product must be informed of the recommended safety precautions and must have access to this information. For any other uses, exposures must be evaluated so that appropriate handling practices and training programs can be established to ensure safe work place operations. Please consult your local sales representative for any further information.

### **SECTION 13 CLEAN UP AND DISPOSAL**

Practice good personal hygiene. Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Clean tools and equipment with kerosene, adhering to manufacturer's precautions. DO NOT USE GASOLINE OR NAPHTHA. Follow

proper container management in disposing of containers. CERCLA amendment on disposal containers should be followed.

**SECTION 14 DISCLAIMER**

The information set forth herein is believed to be accurate but is not warranted to be, whether originating with ALCO-NVC, INC. or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

Prepared By: Paul E. Smith

Dated: February 25, 1993

Revised: June 15, 1998

Reviewed: January 12, 2004

This Material Safety Data Sheet supersedes all other previously dated sheets for this product.