

MATERIAL SAFETY DATA SHEET

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PRODUCT: # 277 ALCO SHIELD HT

SECTION 1 PRODUCT IDENTIFICATION

Trade Name: Waterproofing membrane
 Hazard Rating: No known hazardous ingredients

SECTION 2 HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME</u>	<u>PERCENT</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
Petroleum Asphalt CAS # 8052-42-4	27 - 38	None Established	5mg/m ³ 8 Hr TWA (Asphalt Fumes)
Carcinogen: OSHA – No Heavy Parafinic Distillate (Solvent Extract) CAS # 64742-52-5	IARC – Yes 2 - 15	NTP – No None Established	N/A
Styrene-Butadiene-Styrene Block Copolymer CAS # 9003-55-8	3 - 20	None Established	N/A

SECTION 3 PHYSICAL/CHEMICAL DATA

Form: Solid
 Volatiles: Not Applicable
 Boiling Point: Not Applicable
 Flash Point: C.O.C. > 430° F.
 Specific Gravity: > 1.0
 Vapor Pressure: Not Applicable
 Appearance: Fiberglass mat saturated with rubberized asphalt on a black plastic sheet with plastic release film

SECTION 4 FIRE & EXPLOSION DATA

Flash Point: C.O.C. > 430° F.
 Flammable Limits in Air: Lower – Not Applicable
 Upper – Not Applicable
 Fire Fighting Procedures: Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exist. Avoid breathing hazardous vapors or products of combustion; keep upwind. Isolate area and keep unnecessary people away. Prevent run-off from fire control or dilution from entering streams or drinking water supplies.
 Extinguishing Media: Use dry chemical, foam, carbon dioxide or water spray
 Flammability: No
 NEPA Rating: Health - 1 Flammability - 1 Reactivity - 0

SECTION 5 REACTIVITY DATA

This material is stable.
 Materials to Avoid: Not Applicable
 Hazardous Polymerization: Will not occur
 Decomposition Product: Oxides of Carbon & Nitrogen

SECTION 6 HEALTH HAZARD DATA

Primary Routes of Entry: Not Applicable
 Effects of Over Exposure (Chronic): None Known
 Effects of Over Exposure (Acute):
 Skin – Prolonged contact may cause irritation and/or dermatitis.

Ingestion – Can cause gastrointestinal irritation.

SECTION 7 FIRST AID PROCEDURE

Skin: Wash with mild soap and water. If redness, etc., persists, consult a physician.

Ingestion: Do not induce vomiting. Consult a physician immediately.

SECTION 8 PREVENTATIVE MEASURES/SAFE HANDLING & USE

Leak and Spill Procedure: Not Applicable

Waste Disposal: Dispose in approved landfill in accordance with Federal, State, and Local regulations.

Precautions in Handling & Storage: Avoid prolonged contact with skin. Practice good personal hygiene. Read label of product in its entirety before use.

KEEP OUT OF REACH OF CHILDREN!

SECTION 9 CONTROL PROTECTION DATA

Ventilation: Not Applicable

Gloves: As needed for scuff resistance

Eye Protection: Not Applicable

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

SECTION 10 REGULATORY INFORMATION

Reportable Quantities: Not Applicable

RCRA Hazardous Waste No.: Not Applicable

Proper Shipping Name: Modified Asphalt Membrane – Roll Form

Hazard Class: Not regulated under CFR 49, Section 173, 118A

Labels Required: None

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 oil resistant gloves and/or barrier cream. To prevent repeated skin contact, wear impervious clothing. Clean tools and equipment with fuel oil immediately after use. 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: James R. Maurer

Dated: April 9, 2004

Reviewed: July 10, 2006

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