

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT:** # 276 ALCO SHIELD SMOOTH

**SECTION 1 PRODUCT IDENTIFICATION**

Trade Name: Ice and Water Protector

Description: Rolled shingle underlayment consisting of rubberized asphalt, a film surface and a release film or paper on the bottom.

Hazard Rating: No known hazardous ingredients

Use: An underlayment for use on a shingled roof to prevent damage from ice and water caused by ice damming.

**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 <sup>3</sup> 8 Hr TWA (Asphalt Fumes)
Carcinogen: OSHA – No Limestone CAS # 1317-65-3	IARC – Yes 15 - 25	NTP – No N/A	

**SECTION 3 PHYSICAL/CHEMICAL DATA**

Form: Solid

Volatiles: Not Applicable

Boiling Point: Not Applicable

Flash Point: C.O.C. > 450° F.

Specific Gravity: > 1.0

Vapor Pressure: Not Applicable

Appearance: Asphalt Sheet

**SECTION 4 FIRE & EXPLOSION DATA**

Flash Point: C.O.C. > 450° F.

Flammable Limits in Air: Lower – Not Applicable

Upper – Not Applicable

Fire Fighting Procedures: Treat as a fuel oil fire.

Flammability: No

**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 Roofing 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 soap and water 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: January 28, 2003

Reviewed: July 10, 2006

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