

MATERIAL SAFETY DATA SHEET

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PRODUCT: # 210 Wet-Bond Fiber Coating

SECTION 1 PRODUCT IDENTIFICATION

Trade Name: Roof Coating
 Description: A blend of asphalt, solvent and fillers
 Hazard Rating: 1 – Health 2 – Fire 0 – Reactivity
 (0 = Least; 4 = Extreme)

SECTION 2 HAZARDOUS INGREDIENTS

Chemical Name:	OSHA-PEL	ACGIH-TLV
Mineral Spirits CAS #64742-88-7 Carcinogen: No SARA Title III, Sect 313 Reportable: No	100 ppm	100 mg/m ³
Petroleum Asphalt CAS #8052-42-4 Carcinogen: OSHA – No IARC – Yes	None Established	5mg/m ³ 8 HR TWA (Asphalt Fumes) NTP – No

SECTION 3 PHYSICAL/CHEMICAL DATA

Boiling Point: 300° – 320° F. (Solvent Only)
 Vapor Density (Air = 1): > 1
 Specific Gravity/Density: 1 +
 Evaporation Rate (BUAC = 1): < 1
 Vapor Pressure (mm Hg): 20° C. 2mm (Solvent)
 Soluble in Water: Nil
 Appearance: Black, coarse liquid; solvent odor

SECTION 4 FIRE & EXPLOSION DATA

Flash Point: 100° + F. TCC
 Upper Explosive Limit (UEL): 6.7
 Lower Explosive Limit (LEL): 0.9
 Sensitive to Static Discharge: No
 Fire Fighting Procedures: Treat as fuel oil fire; self contained breathing apparatus recommended
 Extinguishing Media: Foam, Dry Chemical, CO₂ **DO NOT USE WATER!**
 Flammability: Yes, under Class B, Division 3
COMBUSTIBLE! KEEP AWAY FROM OPEN FLAME & SOURCES OF HEAT!

SECTION 5 REACTIVITY DATA

This material is stable.
 Materials to Avoid: Strong Oxidizers
 Hazardous Polymerization: Will not occur
 Decomposition/Combustion Product: CO, CO₂

SECTION 6 HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Skin, Ingestion, Eyes
 Effects of Overexposure (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 hydrocarbons, 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 material 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: Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness. This material is for exterior use only.

Skin – Prolonged contact may cause irritation and/or dermatitis.

Ingestion – Can cause gastrointestinal irritation.

Eyes – May cause irritation, blurred vision.

Medical Conditions Aggravated by Exposure: Persons with 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: Clean affected area with a waterless hand cleaner, then wash area thoroughly with soap and water. If redness, etc., persists, consult a physician.

Eyes: Flush with large amounts of water. Consult a physician.

Inhalation: Remove person from area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek immediate medical aid.

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

SECTION 8 PREVENTATIVE MEASURES/SAFE HANDLING & USE

Leak and Spill Procedure: Dike spill area; add absorbent to liquid. Keep out of sewers and waterways. Remove any sources of ignition. Ventilate area if necessary.

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

Precautions in Handling & Storage: Keep away from sources of ignition; open flame. This material is for exterior use only. Avoid prolonged contact with skin. Practice good personal hygiene. Read label of product in its entirety before use. DO NOT HEAT OR THIN THIS MATERIAL!

KEEP OUT OF REACH OF CHILDREN!

SECTION 9 CONTROL PROTECTION DATA

Ventilation: Normally not needed. If TLV is exceeded, use approved NIOSH/MSHA respirator.

Gloves: Oil resistant recommended

Eye Protection: Chemical splash proof goggles recommended. If material is sprayed, goggles are a must.

Clothing: Impervious work clothing is recommended.

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

SECTION 10 REGULATORY INFORMATION

Reportable/Quantity: Minimum under any act

In navigable water: 50,000 Lbs. or if sheen is produced

RCRA Hazardous Waste No.: (Fed) D001

Identification Number: NMFC # 170150

SECTION 11 SHIPPING INFORMATION

Proper Shipping Name: Tars, Liquid

Hazard Class: 3

ID #: UN 1999

Packaging Group: III

Labels Required: Identity, Hazard Warning, Name and Address of responsible party

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

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Reviewed: July 10, 2006

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