

MATERIAL SAFETY DATA SHEET #12

Product(s) Covered by this MSDS:

DryShield® Flashing Tape 4"

Date Issued: April, 1999(Replaces January, 1995)

DOT Classification: Non-Hazardous

HMIS Ratings: Health: 2 Fire: 1

Reactivity: 0 Personal Protection: B

Component Information and Hazards:

Ingredients	CAS#; List	LD ₅₀ Oral (Rat)	ACGIH-TLV TLV-TVW	NIOSH TWA	% by Weight
Hazardous Ingredients					
Unprocessed Naphthenic Oil	64742-04-7	5g/Kg	Not Established	0.2 mg/m ³	15 – 55%
Asphalt	8052-42-4	No Data	5 mg/m ³ (Asphalt Fume)	5 mg/m ³	30 – 55%
Non-Hazardous Ingredients					
Calcium Carbonate	1317-65-3				
Styrene Butadiene Polymer	9003-55-8				
Polyolefin Film	Not Applicable				

Physical/Chemical Characteristics:

Rubberized asphalt adhesive sheet with petroleum odor.

Specific Gravity: ~0.9.

Fire Hazard Data:

Flash Point: >210°C (>410°F).

Extinguishing Media: Water, fog, alcohol foam, dry chemical, and carbon dioxide.

Special Fire Fighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus (SCBA) to prevent inhalation of hazardous decomposition product.

Unusual Fire and Explosion Hazards: Removal of the release paper may generate a static electrical discharge (spark). Do not remove release paper where spark may ignite flammable vapors. Wear positive pressure, self-contained breathing apparatus (SCBA) in enclosed areas.

Reactivity Data:

Stability: Stable under normal conditions.

Conditions or Materials to Avoid: Strong Oxidizers.

Thermal Decomposition Products: Carbon monoxide, sulfur oxides, asphyxiants.

Hazardous Polymerization: Not applicable.

Health Hazard Data:

This product contains 15-35% of unprocessed Naphthenic oil, which has been shown to cause skin cancer in laboratory animals. It is classified by IARC as a positive human carcinogen.

Route of Exposure:

Inhalation: There are no known health effects due to inhalation. Due to the physical nature of this product inhalation is unlikely.

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Skin and Eyes: Prolonged or repeated contact with the unprocessed Naphthenic oils in this product may produce serious toxic effects including skin cancer. Animal test indicates that prolonged and repeated skin contact to the oils in this product may produce local skin tumors. Eye contact with oil residue may result in irritation.

Ingestion: There are no known health effect due to ingestion. Due to the physical nature of this product, ingestion is unlikely. Wash hands completely before eating.

Emergency and First Aid Procedures:

Skin: In case of skin contact, promptly cleanse the area with waterless hand cleaner, thoroughly clean fingernails and follow by washing with soap and water.

Eyes: If eye irritation develops due to contact with oil residue on hands, flush eyes with plenty of water. Consult a physician if eye or skin irritation develops.

Control and Protective Measures:

Protective Gloves: Use oil impervious gloves to avoid prolonged or repeated contact.

Eye Protection: Not required for normal use.

Other Equipment: Not applicable.

Respiratory Protection: Not required during normal use.

Ventilation: No special ventilation recommended for normal use.

Work Practices: Avoid rubbing eyes while handling. Due to the physical nature of this product, ingestion is unlikely. Incidental ingestion of rubberized asphalt residue on hands can be avoided by using good personal hygiene practices. This product contains aromatic oils. Aromatic oils contain high concentrations of polycyclic aromatic compounds, some of which have been shown to cause skin cancer in humans under conditions of poor hygiene and prolonged, repeated contact. Certain components of these compounds have also produced harmful effects in laboratory animals after absorption through the skin. Although these effects have been principally to the liver and blood-forming organs, the unborn young of these animals may also be affected. The animal experiments also showed that these effects could be prevented by thorough removal of the oil from the skin. Skin cleaning studies with aromatic oils show that the toxic effects are not likely to occur in humans if good personal hygiene practices are used.

Precautions for Safe Handling & Use/Leak Procedures:

Waste Disposal: Waste of this product is not defined as hazardous according to US EPA (40 CFR 261.3). Dispose of all waste in accordance with applicable federal, state and local regulations.

EPA Supplier Notification/Environmental:

- This trade name product contains no chemicals subject to the reporting requirements of Section 302 and 313 of Title III of the Superfund Amendments and Re-authorization Act of 1986 (SARA) and 40 CFR Part 372.
- This product contains no ingredients on the list of Extremely Hazardous Substances for SARA Emergency Planning.
- Tier I / Tier II Hazard Category (40 CFR 370): Immediate (*Acute*) Health Hazard; Delayed (*Chronic*) Health Hazard.

This Material Safety Data Sheet (MSDS) has been developed for current compliance with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

The information contained herein is based upon data considered accurate. Dryvit Systems, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees and users assume all risks associated with the use of this material.

MSDS – DryShield® Flashing Tape 4" (input 4/99; replaces 1/95) MSDS #12