



Material Safety Data Sheet

I PRODUCT IDENTIFICATION		HMIS:
Name: #223 SBS Modified Rake & Ridge Shingle		Health: 0
Number: 223		Flammability: 1
Class: Manufactured Asphalt Roofing Products		Reactivity: 0
II. HAZARDOUS INGREDIENTS		Pers. Prot. equip: a
Ingredient/ CAS Numbers: none		NFPA 704
Percent: n/a		Date: 10/05
Occupational Exposure Limits: TLV: 5 mg/m3 PEL: n/a		
III. PHYSICAL DATA		VII. SPILL OR LEAK PROCEDURES
Boiling Range: 650-1000°F		Material Released, Spilled: none
Melting Point: n/a		Waste Disposal Method: contact the local authority, comply with local code.
Vapor Pressure: n/a		
Vapor Density: n/a		VIII. SAFE HANDLING AND USE
Evaporation Rate: n/a		Hygienic Practices: wash after skin contact
Specific Gravity: Greater than 1.0 g/ml		Respiratory Protection: not normally required
% Volatile Volume: <0.5%		Ventilation: not normally required
% Water Volume: <0.1%		Protective Gloves: recommended but not required
IV. FIRE & EXPLOSION HAZARD DATA		Eye Protection: recommended but not required
Flammability Class: OSHA - none		Other Protective Equipment: washing facility recommended
DOT: none		IX. SPECIAL PRECAUTIONS
Flash Point: n/a		Precautions to be taken in handling and storing: do not store near flame
Unusual Fire and Explosion Hazard: none		Other Precautions: none
Extinguishing Media: CO ₂ , Dry Chem, Water		X. TRANSPORTATION DATA
LEL: none		Shipping Name: not regulated
Special Firefighting Procedures: avoid confined space w/o proper equipment.		Labeling: n/a
V. HEALTH HAZARD DATA		Labeling Required: none required
Effects of Overexposure: no OSHA exposure limit		Hazard Class: n/a
Medical Conditions: none		No association has been established data between industrial exposure and cancer. IARC** concluded that there is insufficient evidence for cancer. While normal, handling of this product is not likely to cause cancer in humans, skin contact and breathing of vapors and fumes should be reduced to a minimum.
Primary Route of Entry: skin contact, inhalation		
Emergency First Aid: n/a		
VI. REACTIVITY DATA		Comments: This product contains asphalt. Some asphalts contain sulfur compounds which may form H ₂ S when heated or burned
Stability: stable		
Hazardous Polymerization: will not occur		
Hazardous Decomposition: may form CO ₂ , NO _x , SO _x		n/a - Not Applicable
Conditions to Avoid: incomplete combustion		NDA - No Data Available
Incompatibility: strong oxidants		
<p>Comments: The information contained herein is based on the data available to us and is believed to be correct. Malarkey makes no representation or warranty regarding the accuracy of this data or the results to be obtained from the use thereof. Malarkey assumes no responsibilities for injury from the use of the product(s) described herein.</p> <p>** NOTE: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogen in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.</p>		

Effective 10.19.05 Supersedes all previously published data