

SB-240 SINGLE PLY ROOFING MASTIC

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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Product Name: SB-240 SINGLE PLY ROOFING MASTIC

Company Name: SUREBOND
3925 Stern Avenue
St. Charles, IL 60174
Phone: (877) 843-1818

Emergency Phone (24 hour): CHEMTREC
(800) 424-9300

Chemtrec (outside USA): (703) 527-3887

SECTION 2 - HAZARDS IDENTIFICATION

Routes of Entry: Eyes, skin, inhalation, ingestion.

Effects of Exposure:

Eyes: Can cause severe irritation, redness, tearing or blurred vision.

Skin: Can cause redness, irritation

Inhalation: Prolonged inhalation of vapors may cause irritation of the respiratory tract. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea

NFPA Hazard Codes: Health: 1 Fire: 2 Reactivity: 0 PPE: B

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient Name	CAS Number	Percent (by wt.)
Aliphatic Hydrocarbon	8032-32-4	23
Quartz (SiO ₂)	14808-60-7	< 1

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with large amounts of water, frequently flushing under lids. Seek medical attention.

Skin: Wash with soap and water. Get medical attention if irritation persists.

Inhalation: Move affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Get medical attention.

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SECTION 5 - FIRE FIGHTING MEASURES

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Flash Point:	106° F (based on flash point of most volatile compound).
Flammable Limits:	LEL: 0.5 UEL: 6.0
Extinguishing Media:	Foam, dry chemical or carbon dioxide. Water may be ineffective, but should be used to keep fire-exposed containers cool.
Special Fire-fighting Procedures:	Treat as a class "B" fire. Limit fire fighting to those trained to do so. If a leak or spill has ignited, use water spray to disperse the vapors and to protect those attempting to stop the leak. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
Unusual Fire and Explosion Hazards:	Vapors are heavier than air and may travel along the ground and be ignited by ignition sources distant from the handling point. Residue in "empty" containers may be explosive if exposed to an ignition source. To prevent fire or explosion from static accumulation and discharge, effectively ground the product transfer system.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case of Spill: Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

SECTION 7 - HANDLING AND STORAGE

Storage and Handling Procedures: Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH TLV

Aliphatic Hydrocarbon Solvent	500.00 PPM (OSHA)
Quartz (SiO ₂)	0.1 mg/m ³ (TWA)

Ventilation: General exhaust as need to keep TLV below recommended levels if engineering or administrative controls are not adequate.

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Personal Protective Equipment:

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Eye Protection: Safety glasses with side shields, if needed.

Protective Gloves: Buna-N if needed.

Respiratory Protection: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain solvent TLV below recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program. Although Surebond has no control over the customer's method of using this product, under conditions of normal use the respirable quartz contained in the product is a completely incorporated component, and as such should not present an inhalation hazard.

Hygiene Measures: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals and at the end of the workday. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Light gray mastic
Odor: Aliphatic hydrocarbon odor
Boiling Point: 352° F
Melting Point: N/A
Vapor Pressure: 5 mmHg @ 78° F, 26° C
Vapor Density (air=1): 5.0
Solubility in Water (%): 0.5
Specific Gravity (water=1): 1.26
% Solids (by wt.): 77
% Volatiles: 23

SECTION 10 - STABILITY AND REACTIVITY

Stability: This product is stable.

Conditions to Avoid: None known.

Hazardous Polymerization: Will not occur.

Incompatibility: None known.

Hazardous Decomposition Products: In the event of partial combustion, fumes, smoke, carbon monoxide, aldehydes and other decomposition products may be released.

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SECTION 11 - TOXICOLOGICAL INFORMATION

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Carcinogenicity: NTP? No | IARC Monographs? YES | OSHA regulated? NO

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin and pulmonary disorders may be aggravated by exposure to this product.

Chronic Effects (include all potential carcinogens present @ .1% or greater): The International Agency for Research on Cancer (IARC) Monographs has identified respirable quartz (SiO₂) as a suspect human cancer-causing agent based on limited human evidence but sufficient evidence in experimental animals (Class 2A).

Exposure to respirable quartz will not be possible with this product under normal conditions of use.

SECTION 12 - ECOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: If this product becomes a waste, it is considered a hazardous waste due to its ignitability. Dispose of in accordance with local, state and federal environmental and waste regulations.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Combustible liquid.

SECTION 15 - REGULATORY INFORMATION

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

If this product becomes a waste, it meets the criteria of a hazardous waste as defined under RCRA 40CFR261: Ignitability

EPA SARA Title III hazard class (40CFR370): Acute Health Hazard
Chronic Health Hazard
Fire Hazard

EPA SARA Title III Section 313 (40CFR372): There are no listed toxic chemicals present in quantities greater than the de minimis level.

EPA SARA Title III (40CFR355): There are no components present in this product at a level which would require reporting.

Canadian WHMIS (IDL): There are no listed chemicals present in this product at a level which would require reporting

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains no listed substances, which the state of California has found to cause cancer, birth defects, or other reproductive harm, in a form which would require a warning under the statute.

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SECTION 16 - OTHER INFORMATION

DISCLAIMER:

The information contained herein is based on data available as of the date of preparation of this MSDS and which we believe to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data. We shall not be responsible for the use of this information, or of any product, method or apparatus mentioned. User must make his/her own investigation to determine the suitability of the information or products for his/her particular purpose, for the protection of the environment and the health and safety of the users of this material.

Abbreviations:

N/A = Not Applicable
N/D = Not Determined
N/Est = Not Established