

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

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:



GHS08 Health Hazard
Carc. 2 H351 Suspected of causing cancer.



GHS07 Exclamation Mark
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.

LABEL ELEMENTS:

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS07



GHS08

Signal word: Warning

Hazard statements:

- Causes skin irritation.
- Causes serious eye irritation.
- Suspected of causing cancer.

Precautionary statements:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.

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- Wear protective gloves.
- Wear eye protection / face protection.
- Wash thoroughly after handling.
- Obtain special instructions before use. Read label before use.
- Do not handle until all safety precautions have been read and understood.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Specific treatment (see on this label).
- IF EXPOSED OR CONCERNED: Get medical advice/attention.
- IF SKIN IRRITATION OCCURS: Get medical advice/attention.
- IF EYE IRRITATION PERSISTS: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of water.
- Take off contaminated clothing and wash it before reuse.
- Store locked up.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

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CLASSIFICATION SYSTEM:

NFPA Ratings (scale 0 - 4)



Health = 2
Fire = 2
Reactivity = 0

HMIS Ratings (scale 0 - 4)

| | |
|-----------------|---|
| HEALTH | 2 |
| FIRE | 2 |
| PHYSICAL HAZARD | 0 |

Health = 2
Fire = 2
Physical Hazard = 0

Other Hazards:

Results of PBT and vPvB assessment: PBT: Not applicable vPvB: Not applicable

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous Components:

| Components | CAS Number | Percent |
|------------------------------------|------------|---------|
| calcium carbonate | 471-34-1 | 25-50% |
| Stoddard solvent (mineral spirits) | 8052-41-3 | 10-25% |
| Magnesite | 546-93-0 | 2.5-10% |
| Kaolin | 1332-58-7 | ≤2.5% |
| calcium oxide | 1305-78-8 | ≤1.0% |
| titanium dioxide | 13463-67-7 | ≤1.0% |

SECTION 4 - FIRST AID MEASURES

Description of first aid measures

| | |
|---------------------|--|
| After inhalation: | Over-exposure from inhalation is highly unlikely. If presumed, seek medical attention. |
| After skin contact: | Immediately wash with water and soap and rinse thoroughly. |
| After eye contact: | Rinse opened eye for several minutes under running water |
| After swallowing: | Seek medical treatment. |

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INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

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SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

ADVICE FOR FIREFIGHTERS

Protective equipment: Protective clothing and respiratory protective device.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Wear protective equipment. Keep unprotected persons away.
- Ensure adequate ventilation

Environmental precautions: Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

Dispose of contaminated material as waste in accordance with federal state and local regulations.

Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

Handling:

- **Precautions for safe handling:** Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

Control parameters:

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| Components With Limit Values That Require Monitoring at the Workplace | |
|---|---|
| 471-34-1 calcium carbonate | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | TLV withdrawn |
| 8052-41-3 Stoddard solvent (mineral spirits) | |
| PEL | Long-term value: 2900 mg/m ³ , 500 ppm |
| REL | Long-term value: 350 ppm Ceiling limit value: 1800* mg/m ³ *15-min |
| TLV | Long-term value: 525 mg/m ³ , 100 ppm |
| 546-93-0 Magnesite | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | TLV withdrawn |
| 1332-58-7 Kaolin | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | Long-term value: 2* mg/m ³ E; as respirable fraction |
| 1305-78-8 calcium oxide | |
| PEL | PEL Long-term value: 5 mg/m ³ |
| REL | REL Long-term value: 2 mg/m ³ |
| TLV | TLV Long-term value: 2 mg/m ³ |
| 13463-67-7 titanium dioxide | |
| PEL | Long-term value: 15* mg/m ³ *total dust |
| REL | REL See Pocket Guide App. A |
| TLV | TLV Long-term value: 10 mg/m ³ withdrawn from NIC |

Additional information: The lists that were valid during the creation were used as basis.

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EXPOSURE CONTROLS:

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General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

Breathing equipment: Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses with side shields. Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

| | |
|---|---|
| Form: | Paste |
| Color: | Tan |
| Odor: | Hydrocarbon-like |
| Odor Threshold: | Not determined |
| pH Value: | Not applicable |
| Change in Condition: | |
| Melting Point: | Undetermined |
| Boiling Point: | 178 °C (352 °F) |
| Flash Point: | 41 °C (106 °F) |
| Flammability (solid, gaseous): | Not determined |
| Ignition temperature: | |
| Decomposition temperature: | Not determined |
| Auto igniting: | Product is not self-igniting |
| Danger of explosion: | Product does not present an explosion hazard. |
| Flammable limits: | |
| Lower: | 0.5 Vol % |
| Upper: | 6.0 Vol % |
| Vapor pressure: | 5mmHg (26C) |
| Specific gravity at 20 °C (68 °F): | 1.26 g/cm ³ (10.515 lbs/gal) |
| Relative density: | Not determined |

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| | |
|--|-----------------|
| Vapor density: | 5 |
| Evaporation rate: | 70 |
| Solubility in/Miscibility with Water: | Insoluble |
| Partition coefficient (n-octanol/water): | Not determined. |
| Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | >20.5cSt |
| Solvent content: | |
| Organic solvents: | 23 % |
| Solids content: | 77 % |
| VOC: | < 150 g/L |

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SECTION 10 - STABILITY AND REACTIVITY

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:

Primary irritant effect:

- ON THE SKIN: No irritant effect.
- ON THE EYE: No irritating effect.
- SENSITIZATION: No sensitizing effects known.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Due to the form of this product, exposure to the potentially carcinogenic components is not expected.

| CARCINOGENIC CATEGORIES | | |
|---|------------------|----|
| IARC (International Agency for Research on Cancer) | | |
| 13463-67-7 | titanium dioxide | 2B |
| NTP (National Toxicology Program) | | |
| None of the ingredients is listed. | | |
| OSHA-Ca (Occupational Safety & Health Administration) | | |
| None of the ingredients is listed. | | |

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SECTION 12 - ECOLOGICAL INFORMATION

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TOXICITY

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS

Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Generally not hazardous for water
Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable.
Other adverse effects: No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Small amounts can be disposed of with household waste after the product has cured or skinned over. Larger quantities should be disposed of according to state and local regulation. Disposal must be made according to official regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORT INFORMATION

UN-NUMBER

DOT, ADR, ADN, IMDG, IATA not regulated

UN PROPER SHIPPING NAME

DOT, ADR, ADN, IMDG, IATA not regulated

TRANSPORT HAZARD CLASS(ES)

DOT, ADR, ADN, IMDG, IATA Class: not regulated

PACKING GROUP

DOT, ADR, IMDG, IATA not regulated

ENVIRONMENTAL HAZARDS: Not applicable.

SPECIAL PRECAUTIONS FOR USER: Not applicable.

TRANSPORT IN BULK ACCORDING TO Annex II of MARPOL73/78 and the IBC Code: Not applicable.

SECTION 15 - REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

SARA Section 355 (extremely hazardous substances): None of the ingredients is listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Proposition 65:

Chemicals known to cause cancer:

- 13463-67-7 titanium dioxide

Chemicals known to cause reproductive toxicity: None of the ingredients is listed.

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(DSL) Canada Domestic Substance List: All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

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CARCINOGENITY CATEGORIES:

EPA (Environmental Protection Agency): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH):

- 1332-58-7 Kaolin A4
- 13463-67-7 titanium dioxide A4

MAK (German Maximum Workplace Concentration)

- 13463-67-7 titanium dioxide 3A

NIOSH-Ca (National Institute for Occupational Safety and Health)

- 13463-67-7 titanium dioxide

NATIONAL REGULATIONS:

Information about limitation of use: Use by properly trained workers recommended.

Water hazard class: Generally not hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 - OTHER INFORMATION

DISCLAIMER:

The information contained herein is based on data available as of the date of preparation of this SDS 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 and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2