

SB-140 SKYLIGHT & WINDOW BUTYL SEALANT

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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Product Name: SB-140 SKYLIGHT & WINDOW BUTYL SEALANT

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. 1A H350 May cause 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:



GHS08



GHS07

Signal word: Danger

Hazard statements:

- Causes skin irritation.
- Causes serious eye irritation.
- May cause 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 / eye protection / face protection.
- Wash thoroughly after handling.
- Obtain special instructions 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 Section 4
- 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.

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.

Dangerous Components:

Components	CAS Number	Percent	Composition Comments
Limestone	1317-65-3	25-50%	It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.
Stoddard solvent (mineral spirits)	8052-41-3	10-25%	
titanium dioxide	13463-67-7	≤2.5%	
Kaolin	1332-58-7	≤2.5%	
Organoclay [containing 0-3% Quartz CAS 14808-60-7]	68953-58-2	≤2.5%	
calcium oxide	1305-78-8	≤1.0%	
Quartz (SiO ₂)	14808-60-7	≤0.5%	
ethylbenzene	100-41-4	≤0.03%	

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SECTION 4 - FIRST AID MEASURES

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- Inhalation:** Call a doctor immediately.
- Overexposure:** Remove to fresh air and seek medical attention.
- Skin:** Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.
- Eyes:** Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.
- Ingestion:** Seek medical treatment.

SECTION 5 - FIRE FIGHTING MEASURES (Flash, UEL, LEL for solvent only)

- Extinguishing Media:** CO2, extinguishing powder or water spray. Fight larger fires with water spray.
- Protective Equipment:** Protective clothing and respiratory protective device.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:** 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. Ensure adequate ventilation.
- 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 container closed when not in use.
 - Keep respiratory protective device available.
- STORAGE:**
- Keep away from open flames and high temperatures.
 - Keep receptacle tightly sealed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Components With Limit Values That Require Monitoring at the Workplace	
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

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13463-67-7 titanium dioxide	
PEL	Long-term value: 15* mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 10 mg/m ³ withdrawn from NIC
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
14808-60-7 Quartz (SiO₂)	
PEL	see Quartz listing
REL	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m ³ *as respirable fraction
100-41-4 ethylbenzene	
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 87 mg/m ³ , 20 ppm BEI
Ingredients With Biological Limit Values:	
100-41-4 ethylbenzene	
BEI	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative) Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

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.
- 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 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:	Pasty
Color:	White
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:	40 °C (104 °F)
Flammability (solid, gaseous):	Not determined
Ignition temperature:	230 °C (446 °F)
Decomposition temperature:	Not determined
Auto igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard.

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Flammable limits:

Lower: 1.1 Vol %

Upper: 6.0 Vol %

Vapor pressure: Not applicable

Specific gravity at 20 °C (68 °F): 1.32 g/cm³ (11.015 lbs/gal)

Relative density: Not determined

Vapor density: Not applicable

Solubility in/Miscibility with Water: Insoluble

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not applicable.

Kinematic: >20.5cSt

Solvent content:

Organic solvents: 20 %

Solids content: 80.0 %

VOC Content: 240g/L

SECTION 10 - STABILITY AND REACTIVITY

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

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Heat, flames, sparks.

Incompatible materials: Reacts with strong oxidizing agents.

Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary Irritant Effect:

- On the skin: May irritate the skin.
- On the Eye: May irritate the eye.
- Sensitization: No sensitizing effects known.

Additional toxicological information:

- 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
14808-60-7	Quartz (SiO ₂)	1
100-41-4	ethylbenzene	2B
NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	K
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

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SECTION 12 - ECOLOGICAL INFORMATION

Do not allow product to reach ground water, water course or sewage system.
No further relevant information available.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Instructions: 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.

Contaminated Packaging: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT

Basic Shipping Requirements:

UN Number: UN1133
Proper Shipping Name: Adhesives
Hazard Class: Combustible Liquid
Packing Group: III
Labels Required: 3

Additional information:

Special Provisions: B1, B52, IB3, T2, TP1
Packaging Exceptions: 150
Packaging Non Bulk: 173
Packaging Bulk: 242

IATA

Basic Shipping Requirements:

UN Number: 1133
Proper Shipping Name: Adhesives containing flammable liquid.
Hazard Class: 3
Packing Group: III
Labels Required: 3

Additional information:

ERG Code: 3L

IMDG

Basic Shipping Requirements:

UN Number: 1133
Proper Shipping Name: ADHESIVES containing flammable liquid.
Hazard Class: 3
Packing Group: III
EMS No.: F-E, S-D

TDG

Basic Shipping Requirements:

Proper Shipping Name: ADHESIVES containing flammable liquid.
Hazard Class: 3
UN Number: UN1133
Packing Group: III

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SECTION 15 - REGULATORY INFORMATION

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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): 100-41-4 ethylbenzene

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
- 100-41-4 ethylbenzene

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

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

CARCINOGENITY CATEGORIES:

EPA (Environmental Protection Agency):

- 100-41-4 ethylbenzene D

TLV (Threshold Limit Value established by ACGIH):

- 13463-67-7 titanium dioxide A4
- 1332-58-7 Kaolin A4
- 14808-60-7 Quartz (SiO₂) A2
- 100-41-4 ethylbenzene A3

MAK (German Maximum Workplace Concentration)

- 13463-67-7 titanium dioxide 3A
- 14808-60-7 Quartz (SiO₂) 1
- 100-41-4 ethylbenzene 3A

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

- 13463-67-7 titanium dioxide
- 14808-60-7 Quartz (SiO₂)

NATIONAL REGULATIONS:

Water hazard class: Not determined.

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 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.