

SB - 1800 EVERFLEX BONDAPRENE

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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Product Name: SB-1800 EVERFLEX BONDAPRENE

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

Effects of Exposure:

Eyes: Direct contact irritates moderately with redness and swelling.
Skin: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.
Inhalation: Irritates respiratory passages very slightly. Overexposure may cause drowsiness.
Ingestion: May cause vomiting.

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

Notes: When heated to temperatures above 150° C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient Name	CAS Number	Percent
Ethyltriacetoxysilane	17689-77-9	1.0 - 5.0
Methyltriacetoxysilane	4253-34-3	1.0 - 5.0

Note: The above components are hazardous as defined in 29 CFR 1910.1200.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with water for 15 minutes. Get medical attention.
Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation: Move to fresh air. If ill effects persist, get medical attention.
Ingestion: Get medical attention. Do not induce vomiting.

Notes: Treat according to person's condition and specifics of exposure.

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SECTION 5 - FIRE FIGHTING MEASURES

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Flash Point (Setaflash):	Greater than 212° F (100° C)
Flammable Limits:	N/D
Extinguishing Media:	Compatible with all usual extinguishing media.
Special Fire-fighting Procedures:	Wear full protective clothing, positive pressure or pressure demand breathing apparatus and protective covering for exposed areas of the head. If large amount is involved, evacuate area.
Unusual Fire and Explosion Hazards:	None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Observe all personal protective equipment recommendations described in Sections 5 and 8.
Environmental Precautions:	Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations.
Methods for Cleanup:	Ventilate area. Contain spill. Evacuate unprotected personnel from hazard area. Wipe up or scrape up and contain for salvage or disposal. Cover with absorbent, place in approved drum. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

SECTION 7 - HANDLING AND STORAGE

Handling:	Ensure good ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor.
Storage:	Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	
Local Exhaust:	Recommended
General Ventilation:	Recommended

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Personal Protective Equipment:

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Eye Protection:	Avoid eye contact. Use proper protection — safety glasses as a minimum.
Skin and Body Protections:	Avoid skin contact. Protect hands with impervious rubber gloves and wear typical full cover clothing. Gloves must be checked before each use for signs of degradation and penetration and for proper functioning. Use nitrile or butyl rubber gloves.
Respiratory Protection:	Avoid breathing of vapors. Wear appropriate, properly fitted NIOSH/MSHA approved respirator when the airborne contaminant levels exceed the exposure limited indicated on the MSDS. Follow respirator manufacturer's directions for respirator use.
Hygiene Measures:	Wash hands after handling and before eating.
Precautionary Measures:	Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally.
Note:	These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid (Paste)
Odor:	Acetic acid (vinegar odor)
Boiling Point:	N/A
Melting Point:	N/A
Vapor Pressure (at 100° F):	N/A
Vapor Density:	N/D
Density:	8.39 lbs/gal
Solubility in Water:	NIL
Specific Gravity (at 77° F / 25° C):	1.007
% Volatile by Volume:	2%
Volatile Organic Content:	29 g/l, 3.02% by weight

Note: The above information is not intended for use in preparing product specifications.

SECTION 10 - STABILITY AND REACTIVITY

Stability:	This product is stable. No hazardous reactions when stored and handled according to prescribed instructions.
Hazardous Polymerization:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: carbon dioxide and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

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SECTION 11 - TOXICOLOGICAL INFORMATION

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Chronic Exposure:

- Skin:** Repeat contact with skin may irritate moderately. Acetic acid may cause skin irritation.
- Inhalation:** Vapor overexposure may irritate eyes, nose, and throat. Exposure to acetic acid may cause respiratory tract irritation, although chronic exposure may cause chronic bronchitis.
- Oral:** Swallowing may have adverse effects depending on quantity ingested.

Special Effects: This material contains the following components with the special hazards listed below.

Carcinogens:	None Known
Teratogens:	None Known
Mutagens:	None Known
Reproductive toxins:	None Known

SECTION 12 - ECOLOGICAL INFORMATION

Do not allow product to enter waste water drains, waterways or soil. However, when exposed to moisture and air in the environment, the product cures to a solid state in which no leach-able materials will be released.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product Disposal: RCRA Hazard Class (40 CFR 261)
When a decision is made to discard this material, as received, it is NOT classified as a hazardous waste. State or local laws may impose additional regulatory requirements regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

DOT Information (49CFR 172.101)

Proper Shipping Name: N/A
Hazard Class: N/A
UN/NA Number: None
Packing Group: N/A

SECTION 15 - REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

US Federal Regulations:

CERCLA/SARA — Hazardous Substances and their Reportable Quantities:

Acetic Acid 64-19-7 final RQ = 5000 pounds (2270 kg)

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EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories:

Immediate:	Yes
Delayed:	No
Fire	No
Pressure	No
Reactive	No

Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

Chemical	CAS No.	Wt %
Acetic Acid	64-19-7	0.1 - 1.5

State Regulations:

This product does comply with the California Air Resources Board maximum for VOCs in a sealant.

State Right-to-Know Regulations:

States within the US that have promulgated State Right-to-Know regulations with chemical listing requirements including the chemicals in this product are provided below:

Chemical	Wt. %	CAS No.	States
Dimethyl siloxane	>60	70131-67-8	New Jersey, Pennsylvania
Silica, amorphous	7 - 13	7631-86-9	Massachusetts, Pennsylvania, New Jersey
Hydrotreated middle petroleum distillates	<7	64742-46-7	Massachusetts, Pennsylvania, New Jersey
Ethyltriacetoxysilane	1 - 5	17689-77-9	New Jersey
Methyltriacetoxysilane	1 - 5	4253-34-3	New Jersey

International:

Canada: This product has been classified according to the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

Canadian DSL: All ingredients in this product are currently listed on the Canadian Domestic Substances List (DSL) and would not be considered new for the purposes of the Canadian Environmental Protection (CEPA)

Note: The recipient of this product should be aware of the possible existence of additional local regulations, which may be applicable to this product.

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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
NIL = No Information Listed