

SB -400 GARAGE DOOR ASSEMBLY ADHESIVE

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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Product Name: SB-400 GARAGE DOOR ASSEMBLY ADHESIVE

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:



GHS02 Flame

Flam. Liq. 2 H225

Highly flammable liquid and vapor



GHS08 Health Hazard

Repr. 2 H361

STOT RE 2 H373

Eye Irrit. 2B H320

Suspected of damaging fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure

Causes eye irritation

LABEL ELEMENTS:

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

Hazard pictograms:



GHS02



GHS08

Signal word: Danger

Hazard statements:

- Highly flammable liquid and vapor.
- Causes eye irritation.
- Suspected of damaging fertility or the unborn child.
- May cause damage to organs through prolonged or repeated exposure.

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Precautionary statements:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wear protective gloves/eye protection/face protection.
- Ground/bond container and receiving equipment.
- Keep container tightly closed.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash thoroughly after handling.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF EXPOSED OR CONCERNED: Get medical advice/attention.
- IF EYE IRRITATION PERSISTS: Get medical advice/attention.
- Get medical advice/attention if you feel unwell.
- In case of fire: Use for extinction: CO2, powder or water spray.
- Store locked up.
- Store in a well-ventilated place. Keep cool.
- 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 = 3
Reactivity = 0

HMIS Ratings (scale 0 - 4)

HEALTH	2
FIRE	3
PHYSICAL HAZARD	0

Health = 2
Fire = 3
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

Hazardous Components:

Components	CAS Number	Percent
Naphtha (petroleum), solvent-refined light (textile spirits)	64741-84-0	25-50%
titanium dioxide	13463-67-7	2.5-10%
toluene	108-88-3	2.5-10%
acetone	67-64-1	2.5-10%

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SECTION 4 - FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

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- After inhalation:** Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:** Wipe excess from skin. Immediately wash with water and soap and rinse thoroughly.
- After eye contact:** Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.
- After swallowing:** Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical treatment.

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.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
- For safety reasons unsuitable extinguishing agents:** Water
- 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

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

Environmental precautions: Do not allow to enter sewers, surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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:

- Avoid prolonged or repeated contact with skin.
- Avoid contact with eyes.
- Wash thoroughly after handling.
- Ensure good ventilation/exhaustion at the workplace.
- Prevent formation of aerosols.
- Handle/process in well ventilated areas.

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Information about protection against explosions and fires:

- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Keep container closed when not in use.

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Conditions for safe storage, including any incompatibilities

- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **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

Components With Limit Values That Require Monitoring at the Workplace	
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
108-88-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	Long-term value: 75 mg/m ³ , 20 ppm BEI
67-64-1 acetone	
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: (1782) NIC-1187 mg/m ³ , (750) NIC-500 ppm Long-term value: (1188) NIC-594 mg/m ³ , (500) NIC-250 ppm BEI

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Ingredients with Biological Limit Values:	
108-88-3 toluene	
BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
67-64-1 acetone	
BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)

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

EXPOSURE CONTROLS

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: Off-White
Odor: Characteristic

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Odor Threshold:	Not determined	Page Number: 6/9
pH Value:	Not determined	Revision Date: 11/20/2015
Change in Condition:		
Melting Point:	Undetermined	
Boiling Point:	2501 °C (4534 °F)	
Flash Point:	-21 °C (-6 °F)	
Flammability (solid, gaseous):	Not applicable	
Ignition temperature:		
Decomposition temperature:	Not determined	
Auto igniting:	Product is not self-igniting	
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.	
Vapor pressure:	Not determined	
Specific gravity at 20 °C (68 °F):	1.08 g/cm ³ (9.013 lbs/gal)	
Relative density:	Not determined	
Vapor density:	Not determined	
Evaporation rate:	Not determined	
Solubility in/Miscibility with Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/water):	Not determined	
Viscosity:		
Dynamic:	Not determined	
Kinematic:	Not determined	
Solvent content:		
Solids content:	Not available	
VOC Content:	< 390 grams/liter	
Weight per gallon:	8.95 LBS/GAL	

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: Strong oxidizers, acids, and bases.

Hazardous decomposition products: HYDROGEN CHLORIDE, OXIDES OF CARBON AND NITROGEN UNDER BURNING CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:

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LD/LC50 values that are relevant for classification:		
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

Primary irritant effect:

- ON THE SKIN: May irritate the skin.
- ON THE EYE: Irritating effect. Vapors may be irritating to the eyes.
- SENSITIZATION: No sensitizing effects known.

Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

CARCINOGENIC CATEGORIES		
IARC (International Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2B
108-88-3	toluene	3
NTP (National Toxicology Program)		
None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

SECTION 12 - ECOLOGICAL INFORMATION

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: At present there are no ecotoxicological assessments.
Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable.
Other adverse effects: No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recommendation: Must be specially treated adhering to official regulations.

Uncleaned packagings recommendation: Disposal must be made according to official regulations.

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SECTION 14 - TRANSPORT INFORMATION

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UN-NUMBER

DOT, ADR, ADN, IMDG, IATA UN1133

UN PROPER SHIPPING NAME

DOT Adhesives
ADR 1133 Adhesives
IMDG, IATA ADHESIVES

TRANSPORT HAZARD CLASS(ES)

DOT ADR, IMDG, IATA



Class 3 Flammable Liquids
Label 3



Class 3 Flammable Liquids
Label 3

PACKING GROUP

DOT, ADR, IMDG, IATA II

Environmental hazards: Not applicable

Special precautions for user: Warning: Flammable liquids

Danger code (Kemler): 33

EMS Number: F-E,S-D

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

UN "Model Regulation": UN1133, Adhesives, 3, II

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):

- 108-88-3 toluene

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

Proposition 65: Warning: This product contains a chemical(s) known to the state of California to cause cancer.

Chemicals known to cause cancer:

- 13463-67-7 titanium dioxide

Chemicals known to cause reproductive toxicity: Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

- 108-88-3 toluene

(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):

- 108-88-3 toluene II
- 67-64-1 acetone I

TLV (Threshold Limit Value established by ACGIH):

- 13463-67-7 titanium dioxide A4
- 108-88-3 toluene A4
- 67-64-1 acetone 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: Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

Water hazard class: Water hazard class 1 (Self-assessment): slightly 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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

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

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

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