



# SAFETY DATA SHEET

## Section 1. Identification

**Product Name:** SB-15 Rapid Set Adhesive  
**Chemical Name:** Mixture

**General Description:** Sealant/Adhesive  
**Physical Form:** Paste  
**Color:** Brown  
**Odor:** Slight odor

**NFPA PROFILE:** Health 2 Flammability 2 Instability/Reactivity 0

**Supplier's Details:** SEK-Surebond Corporation  
3925 Stern Avenue  
St. Charles, IL 60174  
(800) 932-3343  
[www.sek.us.com](http://www.sek.us.com)

**Emergency Telephone Number:** CHEMTREC (800) 424-9300 (United States Only)  
**Chemtrec (outside USA):** (703) 527-3887

## Section 2. Hazards Identification

### OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Physical Hazards:

Flam Liq. 2 H225 HIGHLY FLAMMABLE LIQUID AND VAPOR

### Health Hazards:

Muta. 1B H340 May cause genetic defects.  
Carc. 1A H350 May cause cancer.  
Repr. 2 H361 Suspected of damaging fertility or the unborn child.  
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.  
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2 H315 Causes skin irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.

## GHS Label Elements:

### Hazard Pictograms:



Signal Word:            Danger

### Hazard Statements:

- H225 Highly flammable liquid and vapor.
- H315 Causes skin irritation.
- H361 Suspected of damaging fertility or the unborn child.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H304 May be fatal if swallowed and enters airways

### Reportable Ingredients for Labeling:

- Naphtha (petroleum), solvent-refined light
- Toluene
- Acetone
- Titanium Dioxide

### Precautionary Statements:

#### Prevention:

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 fume. Wash thoroughly after handling. Wear protective gloves/clothing/eye protection/face protection.

#### Response:

If medical advice is needed, have product container or label at hand.

**If swallowed:** Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

**If on skin (or hair):** Take off immediately all contaminated clothing. Wash thoroughly with soap and water; apply a mild skin cream.

**If skin irritation occurs:** Get medical attention/advice.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing.

**If exposed or concerned:** Get medical advice/attention. Call a poison center if you feel unwell. Get medical advice/attention if you feel unwell.

**In case of fire:** CO2, powder or water spray.

**Storage:**

Store locked up at room temperature in a well ventilated place. Keep container tightly closed.

**Disposal:**

Dispose of contents and container to appropriate waste site or reclaimer in accordance with all applicable laws, regulations, and product characteristics at time of disposal.

**Hazards not otherwise classified:**

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

**Classification System:**

NFPA ratings (scale 0 – 4)  
Health = 1  
Fire = 4  
Reactivity = 0

HMIS ratings (scale 0 – 4)  
Health = \*1  
Fire = 4  
Physical Hazard = 0

---

### Section 3. Composition/Information on Ingredients

---

**Information on Ingredients:**

CAS NO.	SUBSTANCE	Content (wt. %)		Note
		Lower	Upper	
64741-84-0	Naptha(petroleum), solvent-refined light	25	50	
108-88-3	Toluene	2.5	10	
67-64-1	Acetone	2.5	10	
1333-86-4	Carbon Black		≤ 0.05	

---

### Section 4. First Aid Measures

---

**After inhalation:**

Supply fresh air and be sure to call a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**

Rinse open eye for several minutes under running water. If symptoms persist, consult a doctor.

**After Swallowing:**

Rinse mouth with water. Do not induce vomiting; immediately call for medical help.

---

#### Information For Doctor:

Most important symptoms and effects, both acute and delayed – No further information available.  
Indication of any immediate medical attention and special treatment needed – No further information available.

---

## Section 5. Firefighting Measures

---

#### Extinguishing Media:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray. Use fire fighting measures that suit the environment.

#### Special Hazards Arising From The Substance Or Mixture:

No further relevant information available.

#### Advice For Firefighters:

Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### 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. See section 7 for information on safe handling. See section 8 for information on personal protection equipment.

#### 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). Ensure adequate ventilation. Dispose of contaminated material as waste in accordance with federal state and local regulations. Ensure adequate ventilation. See section 13 for disposal information.

---

## Section 7. Handling and Storage

---

#### Precautions for Safe Handling:

- Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.

- Prevent formation of aerosols.

**Precautions against Fire and Explosion:**

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

**Storage:**

- Store in a cool location away from direct heat.
- Store away from oxidizing agents.
- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well-sealed receptacles.

**Section 8. Exposure Controls/Personal Protection**

**Components With Limit Values That Require Monitoring at the Workplace**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the remaining constituent has no known exposure limits.

**1088-88-3 Toluene (2.5-10%)**

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 <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	Long term value: 75 mg/m <sup>3</sup> , 20 ppm BEI, NIC-OTO

**67-64-1 Acetone (2.5-10%)**

PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV	Short-term value: (1782) NIC-1187, (750) NIC-500 ppm Long term value: (1188) NIC-475, (500) NIC-200 ppm BEI

**1333-86-4 Carbon Black**

PEL	Long-term value: 3.5mg/m <sup>3</sup>
REL	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs; See Pocket Guide Apps. A+C
TLV	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction

**Ingredients with Biological Limit Values:**

**108-88-3 Toluene (2.5-10%)**

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 (2.5-10%)**

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
-----	--

**Additional Occupational Exposure Limit Values for Possible Hazards During Processing:**

**110-54-3 n-Hexane**

PEL	Long-term value: 1800 mg/m <sup>3</sup> , 500 ppm
REL	Long-term value: 180 mg/m <sup>3</sup> , 50 ppm
TLV	Long term value: 176 mg/ m <sup>3</sup> , 50 ppm Skin; BEI

### 110-82-7 Cyclohexane

PEL	Long-term value: 1050 mg/m <sup>3</sup> , 300 ppm
REL	Long-term value: 1050 mg/m <sup>3</sup> , 50 ppm
TLV	Long term value: 344 mg/ m <sup>3</sup> , 100 ppm

### 142-82-5 Heptane

PEL	Long-term value: 2000 mg/m <sup>3</sup> , 500 ppm
REL	Long-term value: 350 mg/m <sup>3</sup> , 85 ppm Ceiling limit value: 1800* mg/m <sup>3</sup> , 440* ppm *15-min
TLV	Short term value: 2050 mg/ m <sup>3</sup> , 500 ppm Long term value: 1640 mg/ m <sup>3</sup> , 400 ppm

**Additional Information:** The lists that were valid during the creations 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.
- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

#### 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.

#### Protection of Hands:

##### 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 substance/ the chemical.

**Material of Gloves:** Nitrile rubber, NBR

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 cannot 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 or tightly sealed goggles.

**Body Protection:**

Protective work clothing.

---

## Section 9. Physical and Chemical Properties

---

### Information on Basic Physical and Chemical Properties:

**Appearance:**

Physical State/Form:	Liquid
Color:	Grey-Brown
Odor:	Characteristic

**Safety Parameters:**

pH Value:	Undetermined
Melting point/melting range:	Undetermined
Boiling point/boiling range:	36° C (96.8° F)
Flash point:	-21° C (-5.8° F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	465.0° C (869° F)
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 is possible.
Flammable Limits:	
Lower:	1.2 Vol %
Upper:	13.0 Vol %
Vapor Pressure:	Not available
Specific Gravity at 20° C (69° F):	1.06 g/cm <sup>3</sup> (8.8457 lbs/gal)
Relative Density:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Solubility in Water:	Insoluble in water
Partition coefficient (n-octanol/water):	Not available
Viscosity:	
Dynamic:	Not available
Kinematic:	Not available
Organic Solvent Content:	Not available
Solids Content:	Not available
Other Information:	
VOC Content:	281 grams per liter



---

## Section 10. Stability and Reactivity

---

**Reactivity:** Not reactive as supplied.

**Chemical Stability:** Stable under recommended storage conditions.

**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 oxidizing agents.

**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide

---

## Section 11. Toxicological Information

---

**General Information:** LD/LC50 Values that are relevant for classification.

### Acute Toxicity

#### **108-88-3 Toluene**

Route Of Exposure	Result/Effect	Species/Test System
Oral	LD50: 5000 mg/kg	Rat
Dermal	LD50: 12124 mg/kg	Rabbit
Inhalative	LC50/4h: 5320 mg/l	Mouse

Primary Irritant Effect:

- On the Skin: Skin Irritant
- 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 preparation: Irritant

### **Carcinogenic Categories**

<b>IARC (International Agency for Research on Cancer)</b>		
108-88-3	toluene	3
1333-86-4	Carbon black	2B

<b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.

<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
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.  
PBT Assessment: Not applicable.  
vPvB: Not applicable.

---

## Section 13. Disposal Considerations

---

### Waste Disposal Method

Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

---

## Section 14. Transport Information

---

**UN-Number**

DOT, IMDG, IATA: UN1133

**UN Proper Shipping Name**

DOT: Adhesives  
IMDG, IATA: ADHESIVES

**Transport Hazard Classes**

DOT:



Class: 3 Flammable Liquids  
Label: 3

---

IMDG:



Class: 3 Flammable Liquids  
Label: 3

IATA:

---



Class: 3 Flammable Liquids  
Label: 3

**Packaging Group**

DOT, IMDG, IATA: II

**Environmental Hazards**

Product contains environmentally hazardous substances: Naphtha (petroleum), solvent-refined light

**Marine Pollutant:**

Yes (DOT)  
Symbol (fish and tree)

**Special Marking (ADR):**

Symbol (fish and tree)

**Special Precautions For User**

Warning: Flammable Liquids

Hazard Identification Number  
(Kemler code)

33

EMS Number

F-E, S-D

Stowage Category

B

**T**  
**ransport in bulk according to Annex II**  
**MARPOL 73/78 and IBC Code**

Not Applicable

**Transport/Additional Information**

49 CFR 173.150  
§ 173.150 Exceptions for Class 3 (flammable and combustible liquids).

(a) General. Exceptions for hazardous materials shipments in the following paragraphs are permitted only if this section is referenced for the specific hazardous material in the § 172.101 Table of this subchapter.

(b) **LIMITED QUANTITIES**. Limited quantities of flammable

liquids (Class 3) and combustible liquids are excepted from labeling requirements, unless the material is offered for transportation or transported by aircraft, and are excepted from the specification packaging requirements of this subchapter when packaged in combination packagings according to this paragraph. For transportation by aircraft, the package must also conform to applicable requirements of § 173.27 of this part (e.g., authorized materials, inner packaging quantity limits and closure securement) and only hazardous material authorized aboard passenger-carrying aircraft may be transported as a limited quantity. A limited quantity package that conforms to the provisions of this section is not subject to the shipping paper requirements of subpart C of part 172 of this subchapter, unless the material meets the definition of a hazardous substance, hazardous waste, marine pollutant, or is offered for transportation and transported by aircraft or vessel, and is eligible for the exceptions provided in § 173.156 of this part. In addition, shipments of limited quantities are not subject to subpart F (Placarding) of part 172 of this subchapter. Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66 pounds) gross weight. Except for transportation by aircraft, the following combination packagings are authorized:

(1) For flammable liquids in Packing Group I, inner packagings not over 0.5 L (0.1 gallon) net capacity each, packed in a strong outer packaging;

(2) For flammable liquids in Packing Group II, inner packagings not over 1.0 L (0.3 gallons) net capacity each, packed in a strong outer packaging.

(3) For flammable liquids in Packing Group III and combustible liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging.

#### UN “Model Regulation”

UN 1133 ADHESIVES (Vapour pressure at 50°C not more than 110 KPA), 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.

#### Hazardous Air Pollutants:

108-88-3 toluene

#### Proposition 65:

##### Chemicals known to cause cancer:

- 64741-84-0 Naphtha (petroleum), solvent-refined light (textile spirits)

##### Chemicals known to cause reproductive toxicity:

- 108-88-3 Toluene
- 64741-84-0 Naphtha (petroleum), solvent-refined light (textile spirits)

#### (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):

- 108-88-3 Toluene I
- 67-64-1 Acetone II

##### TLV (Threshold Limit Value established by ACGIH):

- 108-88-3 Toluene A4
- 67-64-1 Acetone A4
- 1332-58-7 Kaolin A4
- 1333-86-4 Carbon Black A4

#### MAK (German Maximum Workplace Concentration):

- 1333-86-4 Carbon Black 3B

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

- 1333-86-4 Carbon Black

**OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

**NATIONAL REGULATIONS:**

**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**

---

**Abbreviations & 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)
DOT:	US Department of Transportation
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
SARA:	The Superfund Amendments and Reauthorization Act
N/A:	Not Applicable
N/D:	Not Determined
N/Est:	Not Established

**Revision Information:** Not relevant.

**Key Literature References  
and Sources for Data:**

No data available.

**Training Information:** No data available.

**Date of Issue/Date of Revision:** 5/9/23

### Notice to Reader

**THE INFORMATION IN THIS SAFETY DATA SHEET (SDS) WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS CORRECTNESS OR ACCURACY. SOME INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE SUBSTANCE ITSELF. THIS SDS WAS PREPARED AND IS TO BE USED ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER PRODUCT, THIS SDS INFORMATION MAY NOT BE APPLICABLE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE OR APPLICATION. THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE, AND/OR DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR ANY LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.**

SEK-Surebond is a registered trademark of SEK-Surebond Corporation.