



SAFETY DATA SHEET

Section 1. Identification

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

General Description: Sealant/Adhesive

Supplier's Details: SEK-Surebond Corporation
624 W. Illinois Avenue
Aurora, IL 60506
(800) 932-3343
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:

Highly flammable liquid and vapor.
Causes skin irritation.
May cause genetic defects.
May cause cancer.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe fume. Wash thoroughly after handling. Use only outdoor in a well-ventilated area. 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 and wash before reuse. Rinse skin with water/shower.

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

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:

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 opened 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:

CO₂, 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.

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.

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

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.

Conditions for safe storage, including any incompatibilities:

Storage:

- **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

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

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: 20 ppm BEI, NIC-OTO

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: 1187 mg/m ³ , 500 ppm Long term value: 594 mg/m ³ , 250 ppm BEI

1333-86-4 Carbon Black

PEL	Long-term value: 3.5mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps. A+C
TLV	Long-term value: 3* mg/m ³ *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)
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Additional Occupational Exposure Limit Values for Possible Hazards During Processing:

110-54-3 n-Hexane

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

110-82-7 Cyclohexane

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

142-82-5 Heptane

PEL	Long-term value: 2000 mg/m ³ , 500 ppm
REL	Long-term value: 350 mg/m ³ , 85 ppm Ceiling limit value: 1800* mg/m ³ , 440* ppm *15-min
TLV	Short term value: 2050 mg/ m ³ , 500 ppm Long term value: 1640 mg/ m ³ , 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
Odor Threshold:	Not available.

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 ³ (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: <ul style="list-style-type: none"> On the Skin: Skin Irritant On the Eye: May irritate the eye. Vapors may be irritating to the eyes. Sensitization: No sensitizing effects known. Additional Toxicological Information: <ul style="list-style-type: none"> The product shows the following dangers according to internally approved calculation methods for preparation: Irritant 		

Carcinogenic Categories

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

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.
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

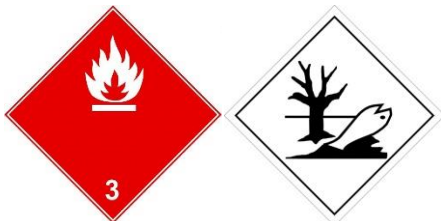
Transport Hazard Classes



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

**Transport 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 packaging 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 II
- 67-64-1 Acetone I

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: 9/10/24

Notice to Reader

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