



# Safety Data Sheet Sprayable Bonding Adhesive (SPB) 22L Canister

Revision Date: 08/02/2018

## Section 1: Identification of the Product and Company Identification

### 1.1. Product Identifier

**Product Name:** RubberBond Sprayable Bonding Adhesive (SPB) 22L Canister  
**Product Code:** 523001

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Adhesive  
**Uses advised against** No specific uses advised against are identified.

### 1.3. Details of the supplier of the safety data sheet

**Suppliers:** Flex-R Ltd.  
Sandswood House  
Hillbottom Road  
Sands Industrial Estate  
High Wycombe  
Buckinghamshire  
HP12 4HJ  
Tel: 01494 448792 Fax: 01494 858433 Email: [enq@rubberbond.co.uk](mailto:enq@rubberbond.co.uk)

### 1.4. Emergency telephone number

**Emergency telephone** 01494 448792 (NOT 24HRS 08.30 – 17.30 Monday-Friday)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Aquatic Chronic 2 - H411  
**Human Health** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. May be slightly irritating to eyes.  
**Physicochemical** The product is extremely flammable. Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### 2.2. Label elements

#### Pictogram

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Signal word

Danger

## Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

## Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing vapour/ spray.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/ container in accordance with national regulations.

## Supplemental label information

For the safe disposal of the canister, please refer to the appropriate technical literature

## Contains

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane, ACETONE

## Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/ doctor if you feel unwell.  
P321 Specific treatment (see medical advice on this label).  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

## 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

<b>DIMETHYL ETHER</b>	<b>30-60%</b>	
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 01-

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2119472128-37-0000

## Classification

Flam. Gas 1 - H220  
Press. Gas, Liquefied - H280

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics,  
<5% nhexane

10-30%

CAS number: -

EC number: 921-024-6

REACH registration number: 01-  
2119475514-35

## Classification

Flam. Liq. 2 - H225  
Skin Irrit. 2 - H315  
STOT SE 3 - H336  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

## ACETONE

10-30%

CAS number: 67-64-1

EC number: 200-662-2

REACH registration number: 01-  
2119471330-49

## Classification

Flam. Liq. 2 - H225  
Eye Irrit. 2 - H319  
STOT SE 3 - H336

## TOLUENE

<1%

CAS number: 108-88-3

EC number: 203-625-9

REACH registration number: 01-  
2119471310-51-0051

## Classification

Flam. Liq. 2 - H225  
Skin Irrit. 2 - H315  
Repr. 2 - H361d  
STOT SE 3 - H336  
STOT RE 2 - H373  
Asp. Tox. 1 - H304

## METHYL ACETATE

<1%

CAS number: 79-20-9

EC number: 201-185-2

REACH registration number: 01-  
2119459211-47-0012

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## Classification

Flam. Liq. 2 - H225  
Eye Irrit. 2 - H319  
STOT SE 3 - H336

## HEXANE-norm

<1%

CAS number: 110-54-3

EC number: 203-777-6

REACH registration number: 01-2119480412-44

## Classification

Flam. Liq. 2 - H225  
Skin Irrit. 2 - H315  
Repr. 2 - H361f  
STOT SE 3 - H336  
STOT RE 2 - H373  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

## ZINC DIBENZYL DITHIOCARBAMATE

<1%

CAS number: 14726-36-4

M factor (Acute) = 1  
M factor (Chronic) = 1

REACH registration number: 01-2119543708-31-0002

## Classification

Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410

The Full Text for all Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination.

#### Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

### 4.2. Most important symptoms and effects, both acute and delayed

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<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Vapour, spray or dust may cause chronic eye irritation or eye damage.

### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### **6.3. Methods and material for containment and cleaning up**

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## Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

## 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in closed original container at temperatures between 5°C and 25°C.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m<sup>3</sup>

##### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

##### TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 574 mg/m<sup>3</sup>(Sk)

##### METHYL ACETATE

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Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m<sup>3</sup>

## HEXANE-norm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

## ZINC DIBENZYLDITHIOCARBAMATE

Long-term exposure limit (8-hour TWA): 6 mg/m<sup>3</sup>

### Ingredient comments

WEL = Workplace Exposure Limits  
Sk = Can be absorbed through the skin.

### hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

#### Ingredient comments

WEL = Workplace Exposure Limits

#### DNEL

Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day

Workers - Oral; Long term systemic effects: 2035 mg/kg bw/day

Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day

Workers - Dermal; Long term systemic effects: 773 mg/kg bw/day

Consumer - Inhalation; Long term systemic effects: 608 mg/m<sup>3</sup>

### ACETONE (CAS: 67-64-1)

#### Ingredient comments

WEL = Workplace Exposure Limits

### METHYL ACETATE (CAS: 79-20-9)

#### Ingredient comments

WEL = Workplace Exposure Limits

### TOLUENE (CAS: 108-88-3)

#### DNEL

Workers - Inhalation; Short term systemic effects: mg/m<sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Wear chemical splash goggles.

#### Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are

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**Other skin and body protection**

recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.

**Hygiene measures**

Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

**Respiratory protection**

Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling. When using do not eat, drink or smoke.

**Environmental exposure controls**

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type AX.

Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Various colours.
Odour	Ether
Odour threshold	Not available.
pH	Not available.
Melting point	Estimated value. -141.5°C
Initial boiling point and range	Estimated value. -24.8°C @ 1013 hPa
Flash point	Estimated value. -41°C
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Estimated value. : 3.3%-26.2%
Other flammability	Not applicable.
Vapour pressure	Estimated value. 5132,9 hPa @ 25°C
Vapour density	Not applicable.
Relative density	0.80 @ 20° C
Bulk density	Not applicable.
Solubility(ies)	Estimated value. 45.6 g/l water @ 25°C
Partition coefficient	Estimated value. Pow: 0.07
Auto-ignition temperature	Estimated value. 226°C
Decomposition Temperature	Not applicable.
Viscosity	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
Explosive properties	Not available.

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<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product as supplied.

## 9.2. Other information

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not applicable.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not applicable.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not applicable.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable. Not relevant.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid contact with water. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong acids. Strong alkalis.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.
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## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

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## Skin corrosion/irritation

Animal data

Irritating.

## Serious eye damage/irritation

Serious eye damage/irritation

Moderately irritating.

## Respiratory sensitisation

Respiratory sensitisation

Sensitising.

## Carcinogenicity

Carcinogenicity

Not applicable.

Target organ for carcinogenicity

No specific target organs known.

## Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.

## Aspiration hazard

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation

Irritating to respiratory system. May cause sensitisation by inhalation.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Irritating to skin. May cause sensitisation by skin contact.

Eye contact

Irritation of eyes and mucous membranes.

Acute and chronic health hazards

May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.

Route of entry

Inhalation Skin and/or eye contact

Medical symptoms

Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.

Medical considerations

Chronic respiratory and obstructive airway diseases.

## Toxicological information on ingredients.

### DIMETHYL ETHER

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> gases ppmV) 164,000.0

Species Rat

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**ATE inhalation (gases ppm)** 164,000.0

**hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane**

**Toxicological effects** No information available.

**Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,840.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** Not known. Data lacking.

**ATE oral (mg/kg)** 5,840.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,920.0

**Species** Rat

**Notes (dermal LD<sub>50</sub>)** Data lacking.

**ATE dermal (mg/kg)** 2,920.0

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 25.2

**Species** Rat

**ATE inhalation (vapours mg/l)** 25.2

**Skin corrosion/irritation**

**Animal data** Data lacking.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Data lacking.

**Aspiration hazard**

**Aspiration hazard** Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

**Inhalation** May cause respiratory system irritation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Irritating to skin.

**Eye contact** May cause severe eye irritation.

**Acute and chronic health hazards** Vapour from this product may be hazardous by inhalation.

**Route of entry** Inhalation Skin absorption Ingestion. Skin and/or eye contact

**Target organs** No specific target organs known.

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## **Medical symptoms**

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

## **Medical considerations**

No information available.

## **ACETONE**

### **Other health effects**

There is no evidence that the product can cause cancer.

### **Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,800.0

**Species** Rat

### **Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rabbit

### **Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 76.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 76.0

### **Skin corrosion/irritation**

**Extreme pH** Slightly irritating.

### **Serious eye damage/irritation**

**Serious eye damage/irritation** Moderately irritating.

### **Respiratory sensitisation**

**Respiratory sensitisation** Not sensitising.

## **TOLUENE**

### **Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 20.0

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 20.0

**ATE inhalation (vapours mg/l)** 20.0

### **Carcinogenicity**

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

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## METHYL ACETATE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 5,000.0

Species Rabbit

## HEXANE-norm

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 17.6

ATE inhalation (vapours mg/l) 17.6

## SECTION 12: Ecological Information

### Ecological information on ingredients.

#### hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ecotoxicity Dangerous for the environment.

### 12.1. Toxicity

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

### Ecological information on ingredients.

#### hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Acute toxicity - fish LC<sub>0</sub>, hours: >1-<10 mg/l, Algae

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

Acute toxicity - aquatic plants LC<sub>0</sub>, hours: >1-<10 mg/l, Fish

## ACETONE

Toxicity Not considered toxic to fish.

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 5540 mg/l, Freshwater fish  
, 96 hours: 11000 mg/l, Marinewater fish  
LC<sub>50</sub>, 96 hours: 11000 mg/l, Algae

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## Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 8800 mg/l, Daphnia magna

## Acute toxicity - aquatic plants

IC<sub>50</sub>, 72 hours: 430 mg/l, Fish

## Acute toxicity - microorganisms

, 30 minutes: 1000 mg/l, Activated sludge

## TOLUENE

### Acute toxicity - fish

, 48 hours: > 1-10 mg/l, Freshwater fish

### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 11.5 mg/l, Daphnia magna

### Acute toxicity - aquatic plants

IC<sub>50</sub>, 72 hours: 100 mg/l, Fish

## METHYL ACETATE

### Acute toxicity - fish

, 96 hours: 250-350 mg/l, Brachydanio rerio (Zebra Fish)

### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 24 hours: 700-1000 mg/l, Daphnia magna

## HEXANE-norm

### Acute toxicity - fish

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Algae

### Acute toxicity - aquatic invertebrates

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Daphnia magna

### Acute toxicity - aquatic plants

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Fish

## 12.2. Persistence and degradability

### Persistence and degradability

The product is not readily biodegradable.

### Stability (hydrolysis)

Reacts with water.

### Biological oxygen demand

< 10 g O<sub>2</sub>/g substance

## Ecological information on ingredients.

### ACETONE

#### Persistence and degradability

The product is expected to be biodegradable.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### Partition coefficient

Estimated value. Pow: 0.07

## Ecological information on ingredients.

### ACETONE

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# Safety Data Sheet Sprayable Bonding Adhesive (SPB) 22L Canister

Revision Date: 08/02/2018

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.  
BCF: 3,  
**Partition coefficient** Pow: < -0.24

### METHYL ACETATE

**Partition coefficient** : 0.18

### TOLUENE

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.  
**Partition coefficient** Not available.

## 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

## Ecological information on ingredients.

### ACETONE

**Mobility** The product is miscible with water and may spread in water systems.

**Adsorption/desorption coefficient** Water - log Koc: 1.5 @ 20°C

**Henry's law constant** 2929-3070 Pa m<sup>3</sup>/mol @ 25°C

### TOLUENE

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### METHYL ACETATE

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

## 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### ACETONE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### TOLUENE

**Results of PBT and vPvB** This product does not contain any substances classified as PBT or vPvB.

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# Safety Data Sheet Sprayable Bonding Adhesive (SPB) 22L Canister

Revision Date: 08/02/2018  
assessment

## METHYL ACETATE

Results of PBT and vPvB  
assessment

This product does not contain any substances classified as PBT or vPvB.

## 12.6. Other adverse effects

### Ecological information on ingredients.

#### ACETONE

Other adverse effects Not applicable.

#### TOLUENE

Other adverse effects Not known.

#### METHYL ACETATE

Other adverse effects None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **General information**

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## **SECTION 14: Transport information**

### 14.1. UN number

UN No. (ADR/RID)	3501
UN No. (IMDG)	3501
3501	3501
UN No. (ADN)	3501

### 14.2. UN proper shipping name

#### **Proper shipping name (ADR/RID)**

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Contains Dimethyl Ether)

#### **Proper shipping name (IMDG)**

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Contains Dimethyl Ether)

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# Safety Data Sheet Sprayable Bonding Adhesive (SPB) 22L Canister

Revision Date: 08/02/2018

**Proper shipping name (ICAO)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Contains Dimethyl Ether)

**Proper shipping name (ADN)** CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Contains Dimethyl Ether)

## 14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	8F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1
Transport labels	2.1



## 14.4. Packing group

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



## 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Emergency Action Code	2YE
Hazard Identification Number (ADR/RID)	23
Tunnel restriction code	(B/D)

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** Control of Pollution Act 1974.

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# Safety Data Sheet Sprayable Bonding Adhesive (SPB) 22L Canister

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## EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

## Guidance

The spraying of flammable liquids HSG178.

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Issued by</b>	Technical
<b>Revision date</b>	02/08/2018
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
<b>Store Between</b>	Store Between 5°C - 25°C
<b>Contains SVHC</b>	NO

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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