### **Bostik Contact A3**

Replaces date: 20/10/2017 Revision date: 31/01/2019

### SECTION 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

Trade name: Bostik Contact A3

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

**Recommended uses:** Solvent based adhesive.

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

Supplier

Company: Bostik AB

Address: Strandbadsvägen 22

**Zip code:** 251 09

City: Helsingborg

Country: SWEDEN

E-mail: info.se@bostik.com

Phone: +46 42 19 50 00

Homepage: www.bostik.com

Contact person: Name: - Environment dep., Phone: +46 42 19 50 00

#### 1.4. Emergency Telephone Number

112 - ask for Poison Information Center - Sweden

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**CLP-classification:** Flam. Liq. 2;H225 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H336 Aquatic Chronic

3;H412

**Most serious harmful effects:** Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation.

May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

### **Pictograms**



Signal word: Danger

Contains

Substance: Butanone, methy ethyl ketone; ethyl acetate; naphtha (petroleum), hydrotreated light,

hydrocarbon C7; naphtha (petroleum), hydrotreated light, isohexane

H-phrases

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H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

P-phrases

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P403+233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container to in accordance with local/regional/national/international regulation.

#### **Supplemental information**

EUH208 Contains rosin & methylols. May produce an allergic reaction.

#### 2.3. Other hazards

Solvent vapours may form explosive mixtures with air.

The components in this product do not meet the criteria for classification as PBT or vPvB.

### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP- classification
acetone, propan-2-one, propanone	67-64-1	200-662-2	01-2119471330- 49	10 -< 20%	10 -< 20%	
naphtha (petroleum), hydrotreated light, hydrocarbon C7	64742-49-0	927-510-4	01-2119475515- 33-xxxx	119475515- xxx		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411
Butanone, methy ethyl ketone	78-93-3	201-159-0	01-2119457290- 43	10 -< 20%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
ethyl acetate	141-78-6	205-500-4	01-2119475103- 46	10 -< 20%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
naphtha (petroleum), hydrotreated light, isohexane	64742-49-0	931-254-9	01-2119484651- 34-xxxx	5 -< 10%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411
Xylene	1330-20-7	215-535-7	01-2119488216- 32	5 -< 10%		Flam. Liq. 3;H226 Asp. Tox. 1;H304 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Acute Tox. 4;H332 STOT SE 3;H335 STOT RE 2;H373 Aquatic Chronic 3;H412
ethylbenzene	100-41-4	202-849-4		1 -< 2.5%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Acute Tox. 4;H332 STOT RE 2;H373
Rosin, colophony	8050-09-7	232-475-7	01-2119480418- 32	9480418- 0.1 -< 1%		Skin Sens. 1;H317
Methylols	UNKNOW	-	No Data Available	0.1 -< 1%		Skin Sens. 1;H317

Please see section 16 for the full text of H-phrases.

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### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

**Inhalation:** Fresh air and rest. In the event of irritation in the respiratory tract, breathing difficulties,

headache, tiredness, nausea or unconsciousness, seek immediate medical attention.

**Ingestion:** DO NOT induce vomiting if swallowed chemical is dissolved in petroleum based material.

Danger of aspiration and development of chemical pneumonia. Immediately consult a

doctor.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove

clothing if soaked through and wash as above. Do not use white spirit, thinner or other

organic solvents. Get medical attention if irritation persists after washing.

Eye contact: Open eye wide, remove any contact lenses and flush immediately with water (preferably

using eye wash equipment). Seek medical advice immediately. Continue flushing until

medical attention is obtained.

**Burns:** Flush with water until the pain stops and continue flushing for another 30 minutes.

**General:** In the event of an accident, nausea or other effect, contact a doctor immediately. When

obtaining medical advice, show the safety data sheet or label.

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

None known.

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

Treat symptoms.

### **SECTION 5: Fire-fighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, carbon dioxide, foam or fine water mist.

Unsuitable extinguishing

media:

Do not use a direct water jet that could spread the fire.

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

FUMES MAY FORM EXPLOSIVE MIXTURES WITH AIR. Vapours are heavier than air and may spread near ground to sources of ignition. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)

#### 5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

**Other Information:**No action shall be taken that involves personal risk or without appropriate training. The

surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety

data sheet if possible.

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

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

For non-emergency personnel: Note the risk of ignition and explosion. Avoid inhalation and contact with skin and eyes.

Provide good ventilation. Use suitable protective clothing as protection against splashing

and contamination. Keep the emission separate from sources of ignition.

For emergency responders: Note the risk of ignition and explosion. Always keep away from sources of ignition.

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#### 6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Avoid direct contact. In the event of major emissions, contact the relevant authorities.

#### 6.3. Methods and material for containment and cleaning up

Collect spilled chemical in the container with non-flammable absorbent material (Sand, mold, diatomaceous earth, vermiculite), dispose of in a container for disposal according to local / national regulations (see section 13). Eliminate all sources of ignition.

### 6.4. Reference to other sections

See section 12: Ecological Information See Sections 7 and 8 for prevention.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautions against electrostatic discharge. Use spark-proof tools and explosion-proof electric equipment. Do not eat, drink or smoke during work. Avoid contact with skin, eyes or clothing. After contact with skin, wash immediately with water and soap.

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

Stored in a well ventilated place and separated from sources of combustion. Keep containers tightly closed in closed original packaging or other closed metal or glass vessel. Store at room temperature.

#### 7.3. Specific end use(s)

See Technical Data Sheet.

Other Information: Classification for storage of flammable goods: Class 1.

#### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Measuring methods: Breathing apparatus must be used if the limit values are exceeded.

Other Information: Contains substances for which hygienic threshold values are stipulated.

#### 8.2. Exposure controls

Technical measures: Ensure good general ventilation standards. use process enclosures, **Exposure controls:** 

local exhaust ventilation or other engineering controls to keep worker exposure below limits. Personal Precautions: Avoid skin contact with the product, wipe up the pollution / spills as soon as they arise. Wear gloves (tested to EN374) if hand contamination, wash away the impurities of the skin immediately. Wear suitable Coveralls protect against skin exposure. Provide basic training for employees to prevent / minimize exposures.

Appropriate engineering

controls:

Workplace and work methods are designed to prevent direct contact. Observe hygiene

limits. Prevent sparks developing as a result of static electricity.

eye/face protection:

Personal protective equipment, Tight-fitting goggles or face mask if risk of splashes or direct contact.

skin protection:

Personal protective equipment, Wear antistatic protective clothing Immediately remove contaminated clothes and wash them before reusing.

hand protection:

Personal protective equipment, Protective gloves: Nitrile rubber - NBR, Butyl rubber - IIR: Thickness> = 0.7 mm. Breakthrough time> = 480 min. EN374.

The breakthrough time of the gloves depends on the material and the thickness as well as

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the temperature.

respiratory protection:

Personal protective equipment, In case of insufficient ventilation, wear suitable respiratory equipment. (A2 or self contained

breathing apparatus) Respiratory protection must conform to one of the following

standards: EN 136/140/145.

**Environmental exposure** 

controls:

Avoid discharge into drains, water or soil.

Ensure compliance with local regulations for emissions. In the event of major emissions,

contact the relevant authorities.

**Heating hazards:** Avoid high temperatures and direct sunlight.

Other Information: Observe normal hygiene such as washing hands before meals, etc. No eating or drinking

while working with this material. Information from supplier: Observe local regulations.

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Viscous.
Colour	Light yellow
Odour	Characteristic.
Solubility	Soluble in: Organic solvents.
Explosive properties	-
Oxidising properties	-

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	48 °C	
Flash Point	- 20 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	< 100 kPa	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octonol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

#### 9.2 Other information

Parameter	Value/unit	Remarks
Density	0.84 g/cm <sup>3</sup>	
Kinematic viscosity	>500 mm²/s	40°C
Dynamic viscosity	~3750	25°C

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

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#### 10.1. Reactivity

Stable under recommended storage and handling conditions.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions. Avoid heat, sparks and open flame.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

#### 10.4. Conditions to avoid

Avoid sources of sparking (smoking, fire, static electricity).

#### 10.5. Incompatible materials

Keep away from acids. Avoid contact with alkaline substances.

### 10.6. Hazardous decomposition products

None under normal use conditions.

Other Information: Vapours may form explosive mixtures with air.

### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity - oral: ATEmix (oral): 7786,00 mg/kg

ATEmix (Ddermal): 6581,00 mg/kg Acute toxicity - dermal:

Acute toxicity - inhalation: ATEmix (inhalation-dust/mist): 40,36 mg/l

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye

irritation:

Causes serious eye irritation.

Respiratory sensitisation or skin sensitisation:

Not applicable.

Germ cell mutagenicity: Not applicable.

Carcinogenic properties: Not applicable.

Reproductive toxicity: No information available

No information available Single STOT exposure:

Repeated STOT exposure: No information available

**Aspiration hazard:** No information available

#### Other toxicological effects

### acetone, propan-2-one, propanone, cas-no 67-64-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		5800 mg/kg			
Rat	Dermal LD50		> 15800mg/kg			

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Rat Inhalation LC50 4h 79 mg/l

### Butanone, methy ethyl ketone, cas-no 78-93-3

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		2483 mg/kg			
Rabbit	Dermal LD50		5000 mg/kg			
Rat	Inhalation LC50	4h	11700 ppm			

### ethyl acetate, cas-no 141-78-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		5620 mg/kg			
Rabbit	Dermal LD50		> 18000mg/kg			
	LC0 Air		29.3mg/l			

### naphtha (petroleum), hydrotreated light, hydrocarbon C7, cas-no 64742-49-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		> 5840mg/kg			
Rat	Dermal LD50		> 2920mg/kg			

#### Xvlene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		3500 mg/kg			
Rabbit	Dermal LD50		> 4350mg/kg			
Rat	Inhalation LC50	4h	> 47635mg/l			

### naphtha (petroleum), hydrotreated light, isohexane, cas-no 64742-49-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		> 16750mg/kg			
Rabbit	OECD 402		> 3350mg/kg			
Rat	Vapor OECD 403		0.259354kg/m³			

### Rosin, colophony, cas-no 8050-09-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		> 2800mg/kg			
Rabbit	Dermal LD50		> 2500mg/kg			
Rat	Inhalation LC50	4h	1.5 mg/l			

Component Information

### **SECTION 12: Ecological information**

#### 12.1. Toxicity

### acetone, propan-2-one, propanone, cas-no 67-64-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96h	96hLC50	4740 - 6330ml/m³			
Crustacea	Daphnia magna Static	48h	48hEC50	10294 - 17704mg/l			

### Butanone, methy ethyl ketone, cas-no 78-93-3

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchne riella subcapitata		EC50	1972 mg/l			
	Pimephales promelas flow- through	96h	96hLC50	3130 - 3320mg/l			
Crustacea	Daphnia magna	48h	48hEC50	> 308mg/l			

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### ethyl acetate, cas-no 141-78-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Desmodesmus subspicatus	48h	48hEC50	3300 mg/l			
Fish	Pimephales promelas flow- through	96h	96hLC50	220 - 250mg/l			
Fish	Oncorhynchus mykiss flow- through		96hLC50	484 mg/l			
Fish	Oncorhynchus mykiss semi- static		96hLC50	352 - 500mg/l			
Crustacea	Daphnia magna Static	48h	48hEC50	560 mg/l			

### naphtha (petroleum), hydrotreated light, hydrocarbon C7, cas-no 64742-49-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia	48h	48hLC50	3mg/l			

### Xylene, cas-no 1330-20-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss	96h	96hLC50	13.5 - 17.3mg/l			
Crustacea	water flea	48h	48hEC50	3.4mg/l			

### naphtha (petroleum), hydrotreated light, isohexane, cas-no 64742-49-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchne riella subcapitata			13.6mg/l			
Fish	Oncorhynchus mykiss			18.3mg/l			
Crustacea	Daphnia magna			31.9mg/l			

### ethylbenzene, cas-no 100-41-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchne riella subcapitata	72h	72hEC50	2.6 - 11.3mg/l			
Fish	Oncorhynchus mykiss semi- static	96h	96hLC50	4.2 mg/l			
Crustacea	Daphnia magna	48h	48hEC50	1.8 - 2.4mg/l			

### Rosin, colophony, cas-no 8050-09-7

Organism		Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Desmodesmus subspicatus	72h	72hEC50	400 mg/l			
Fish	Danio rerio	96h	96hLC50	> 10mg/l			
Crustacea	Daphnia magna	48h	48hEC50	> 100mg/l			

**Component Information** 

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No information available

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#### 12.3. Bioaccumulative potential

No information available.

#### 12.4. Mobility in soil

No information available

#### 12.5. Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

#### 12.6. Other adverse effects

No information available

#### Other Information

Prevent discharges into the sewage system, watercourses or ground.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Containers with rests of content is hazardous waste.

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Category of waste: 08 04 09\* waste adhesives and sealants containing organic solvents or other hazardous

substances

15 01 10\* packaging containing residues of or contaminated by hazardous substances

### **SECTION 14: Transport information**

Land transport (ADR/RID)

**14.1. UN-No.:** 1133 **14.4. Packing group:** III

**14.2. UN proper shipping** ADHESIVES **14.5. Environmental** The product should not be

name: hazards: labelled as an

environmental hazard (symbol: fish and tree).

14.3. Transport hazard 3

class(es):

Hazard label(s): 3

Hazard identification number: Tunnel restriction code: E

Other Information: Classification Code: F1

Limited Quantity (LQ): 5L

Inland water ways transport (ADN)

**14.1. UN-No.:** 1133 **14.4. Packing group:** III

**14.2. UN proper shipping** ADHESIVES **14.5. Environmental** The product should not be hazards:

hazards: labelled as an environmental hazard

(symbol: fish and tree).

14.3. Transport hazard

class(es):

Hazard label(s): 3

Transport in tank vessels:

Sea transport (IMDG)

**14.1. UN-No.:** 1133 **14.4. Packing group:** III

3

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hazards:

**14.2. UN proper shipping** ADHESIVES **14.5. Environmental** The product is not a Marine

14.3. Transport hazard 3 Environmental Hazardous

class(es): Substance Name(s):

Hazard label(s): 3

Limited Quantity (LQ): 5L

EmS: F-E, S-D IMDG Code segregation - None -

group:

3

Air transport (ICAO-TI / IATA-DGR)

**14.1. UN-No.:** 1133 **14.4. Packing group:** III

**14.2. UN proper shipping** ADHESIVES **14.5. Environmental** The product should not be

name: hazards: labelled as an

environmental hazard (symbol: fish and tree).

Pollutant (MP).

14.3. Transport hazard

Other Information:

class(es):

Hazard label(s): 3 Other Information: Limited Quantity (LQ): 10L

14.6. Special precautions for user

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

No information available

### **SECTION 15: Regulatory information**

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

**Special Provisions:** Observe local regulations.

Check whether measures in accordance with Directive 94/33/EC for the protection of young

people at work must be taken.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from

the risks related to chemical agents at work.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at

work.

Safety, health and environmental regulations / legislation specific for the substance or

mixture. EU Regulation (EC) No 1907/2006 (REACH).

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for

Authorization in accordance with Article 59. The product does not contain SVHC substances.

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: None of the

components are listed.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation: None of

the components are listed.

### 15.2. Chemical Safety Assessment

Other Information: For this product, no Chemical Safety Assessment in accordance with Directive (EC)

1907/2006 (REACH) has been carried out.

#### **SECTION 16: Other information**

Vendor notes: Version 4.

The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this SDS is meant as a description of safety requirements for the product and not a

guarantee of product properties.

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### List of relevant H-statements

H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Document language: GB