

**BOSTIK TUF AS NAILS GENERAL PURPOSE**  
 Revision Number 1.01

Revision Date 24-May-2018  
 Supersedes Date: 01-Jun-2017

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** BOSTIK TUF AS NAILS GENERAL PURPOSE  
**Pure substance/mixture** Mixture

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

**Recommended use** Adhesives.  
**Uses advised against** No information available.

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

#### Company Name

Bostik New Zealand Limited  
 19 Eastern Hutt Road Wingate,  
 Lower Hutt, New Zealand  
 Tel: 04-567 5119  
 Fax: 04-567 5412

### 1.4. Emergency telephone number

**Emergency Telephone** 24 Hr: 0800 243 622  
 +64 4 917 9888  
 Poison Centre : 0800 764 766

**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Aspiration toxicity	Category 1 (6.1E <sup>9</sup> )
Skin Corrosion/Irritation	Category 2 (6.3A)
Acute aquatic toxicity	Category 2 (9.1D)
Chronic aquatic toxicity	Category 2 (9.1B)
Flammable Liquids	Category 2 (3.1B)

Classification in parenthesis is applicable for New Zealand Hazard Classification

**ERMA Group** HSR002662

### 2.2. Label Elements



**Signal Word**

DANGER

#### Hazard statements

H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H411 - Toxic to aquatic life with long lasting effects  
 H225 - Highly flammable liquid and vapor

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## **Precautionary Statements - Prevention**

P264 - Wash face, hands and any exposed skin thoroughly after handling

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

P273 - Avoid release to the environment

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

## **Precautionary Statements - Response**

P321 - Specific treatment (see supplemental first aid instructions on this label)

### **Skin**

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P363 - Wash contaminated clothing before reuse

### **Ingestion**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 - Do NOT induce vomiting

### **Fire**

In case of fire: Use CO2, dry chemical, or foam to extinguish

### **Spill**

P391 - Collect spillage

## **Precautionary Statements - Storage**

P405 - Store locked up

P403 + P235 - Store in a well-ventilated place. Keep cool

## **Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal plant

## **2.3. Other Hazards**

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## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Kaolin	1332-58-7	20- <40
Limestone	1317-65-3	10 - <20
ASCC(NZ) Pty	--	10 - <20
Styrene-butadiene copolymer	9003-55-8	10 - <20
Petroleum resins	64742-16-1	10 - <20
Cyclohexane	110-82-7	5 - <10
Resin acids and rosin acids, esters with pentaerythritol	8050-26-8	1 - <5
Methylcyclohexane	108-87-2	1 - <5
Lawter	--	1 - <3
Hexane	110-54-3	1 - <3
Ethyl alcohol	64-17-5	1 - <3
Silica, amorphous	7631-86-9	1 - <3
ASCC(NZ) Pty	--	1 - <3
Quartz	14808-60-7	0.1- <1
Mica	12001-26-2	0.1- <1
Ethylene glycol	107-21-1	0.1- <1
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester	6683-19-8	0.1- <1
Methyl alcohol	67-56-1	0.01 - < 0.1
Water	7732-18-5	0.01 - < 0.1

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-Protection of the First Aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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

**Symptoms** None known.

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

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

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**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use CO<sub>2</sub>, dry chemical, or foam. Move containers from fire area if you can do it without risk.

**Unsuitable Extinguishing Media** No information available.

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

**Specific Hazards Arising from the Chemical** Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3. Advice for firefighters

**Special Protective Equipment for Fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

**Other Information** Water spray may reduce vapor; but may not prevent ignition in closed spaces.

**For emergency responders** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Environmental precautions

**Environmental Precautions** Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Dike far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Protect from moisture.

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. Dike far ahead of spill for later disposal.

### 6.4. Reference to other sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/ lighting/ equipment.

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

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**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

**Storage Conditions** Keep only in the original container/package in a cool well-ventilated place. Protect from moisture. Protect from direct contact with water or excessive moisture.

**Incompatible Materials** Strong acids and bases

## 7.3. Specific end use(s)

**Other Information** No information available.

## 7.4. References to Other Sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical Name	New Zealand	Australia	European Union
Kaolin 1332-58-7	TWA: 10 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA	-
Cyclohexane 110-82-7	TWA: 100 ppm TWA: 350 mg/m <sup>3</sup> STEL: 300 ppm STEL: 1050 mg/m <sup>3</sup>	100 ppm TWA 350 mg/m <sup>3</sup> TWA 300 ppm STEL 1050 mg/m <sup>3</sup> STEL	TWA: 200 ppm TWA: 700 mg/m <sup>3</sup>
Methylcyclohexane 108-87-2	TWA: 400 ppm TWA: 1610 mg/m <sup>3</sup>	400 ppm TWA 1610 mg/m <sup>3</sup> TWA	-
Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	20 ppm TWA 72 mg/m <sup>3</sup> TWA	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>
Ethyl alcohol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	1000 ppm TWA 1880 mg/m <sup>3</sup> TWA	-
Silica, amorphous 7631-86-9	-	2 mg/m <sup>3</sup> TWA	-
Quartz 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup> TWA	-
Mica 12001-26-2	TWA: 3 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup> TWA	-
Ethylene glycol 107-21-1	Ceiling: 50 ppm Ceiling: 127 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA 20 ppm TWA 52 mg/m <sup>3</sup> TWA 40 ppm STEL 104 mg/m <sup>3</sup> STEL	TWA: 20 ppm TWA: 52 mg/m <sup>3</sup> STEL: 40 ppm STEL: 104 mg/m <sup>3</sup> S*
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 262 mg/m <sup>3</sup> STEL: 250 ppm STEL: 328 mg/m <sup>3</sup> Skin	200 ppm TWA 262 mg/m <sup>3</sup> TWA 250 ppm STEL 328 mg/m <sup>3</sup> STEL	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> S*

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Kaolin 1332-58-7	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction
Limestone 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction
Cyclohexane 110-82-7	TWA: 100 ppm	IDLH: 1300 ppm TWA: 300 ppm TWA: 1050 mg/m <sup>3</sup>	TWA: 300 ppm TWA: 1050 mg/m <sup>3</sup>
Methylcyclohexane 108-87-2	TWA: 400 ppm	IDLH: 1200 ppm TWA: 400 ppm TWA: 1600 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup>

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Hexane 110-54-3	TWA: 50 ppm S*	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup>
Ethyl alcohol 64-17-5	STEL: 1000 ppm	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Silica, amorphous 7631-86-9	-	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>	TWA: 20 mppcf : (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction
Mica 12001-26-2	TWA: 3 mg/m <sup>3</sup> respirable particulate matter	IDLH: 1500 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> containing <1% Quartz respirable dust	TWA: 20 mppcf <1% Crystalline silica
Ethylene glycol 107-21-1	STEL: 50 ppm vapor fraction STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	-	-
Methyl alcohol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**OTHER INFORMATION** No information available

## 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

## PPE - Personal Protection Equipment

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
<b>Hand Protection</b>	Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
<b>General Hygiene Considerations</b>	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

**Environmental Exposure Controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	High Viscosity Paste
<b>Color</b>	Beige
<b>Odor</b>	Solvent
<b>Odor Threshold</b>	No information available

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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	approx 60 °C / 140 °F	
Flash Point	approx -15 °C / 5 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper flammability limit:	7.5	
Lower flammability limit:	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Relative Density	No information available	
Water Solubility	Negligible	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	
<u>9.2. Other information</u>		
Softening Point	No information available	
Molecular Weight	No information available	
Solvent content (%)	No information available	
Solid content (%)	approx 71	
Density	1.1 g/cm <sup>3</sup>	
Bulk Density	No information available	
VOC	> 300 g/L	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

### 10.2. Chemical stability

Stability Stable under recommended storage conditions

### 10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and flames. Protect from moisture.

### 10.5. Incompatible materials

Incompatible Materials Strong acids and bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

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## Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

## Numerical measures of toxicity

### Unknown acute toxicity

- 0.7303501 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 6.8529901 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13.6958801 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 18.1854101 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 18.5057401 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Kaolin 1332-58-7	LD50 (rat) > 2000 mg/kg	> 5000 mg/kg ( Rat )	1.5 mg/l 4hr
Limestone 1317-65-3	>5000 mg/kg (rat)	-	-
Styrene-butadiene copolymer 9003-55-8	-	LD50 >2000 mg/Kg	-
Petroleum resins 64742-16-1	>5000 mg/Kg (rat)	>2000 mg/Kg (rabbit)	-
Cyclohexane 110-82-7	= 12705 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 9500 ppm ( Rat ) 4 h
Resin acids and rosin acids, esters with pentaerythritol 8050-26-8	>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Methylcyclohexane 108-87-2	> 3200 mg/kg ( Rat )	>2920 mg/Kg bw (rat) 24 hour	>23 mg/l (vapour) (Rat- OECD 403)
Hexane 110-54-3	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
Ethyl alcohol 64-17-5	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h
Silica, amorphous 7631-86-9	= 7900 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h
Quartz 14808-60-7	>2000 mg/kg ( Rat )	-	-
Ethylene glycol 107-21-1	= 4700 mg/kg ( Rat )	= 10600 mg/kg ( Rat ) = 9530 µL/kg ( Rabbit )	-
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydrox y-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl )-4-hydroxyphenyl]-1-oxopropoxy] methyl]-1,3-propanediyl ester 6683-19-8	>5000 mg/Kg (Rat) OECD 401	>3160 mg/Kg (Rabbit)	> 46 mg/L ( Rat ) 1 h
Methyl alcohol 67-56-1	= 2500 mg/kg ( Rat )	200-1000 mg/kg ( Rabbit )	= 22500 ppm ( Rat ) 8 h = 64000 ppm ( Rat ) 4 h
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Blood, Central nervous system, Eyes, Liver, Peripheral Nervous System (PNS),



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**Aspiration hazard**  
**Carcinogenicity**

Reproductive System, Respiratory system, Skin.  
No information available.  
No information available.

Chemical Name	IARC	China	Japan
Styrene-butadiene copolymer	Group 3	-	-
Ethyl alcohol	Group 1	-	-
Silica, amorphous	Group 3	-	-
Quartz	Group 1	-	Group 1

**IARC (International Agency for Research on Cancer)**

*Group 1 - Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans*

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

#### Product Information

Toxic to aquatic life with long lasting effects.

#### Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Kaolin 1332-58-7	IC 50 (72h) > 1000 mg/l	LC 50 (96h) > 1000 mg/l	EC 50 (48h) > 1000 mg/l (Daphnia magna)
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h)>10000mg/L Fish (Oncorhynchus mykiss)	CE50 (48h) >1000 mg/L Daphnia Magna
Cyclohexane 110-82-7	EC50 72 h > 9.3 mg/L (Pseudokirchnerella subcapitata)	LC50 96 h 23.03 - 42.07 mg/L (Pimephales promelas static) LC50 96 h 48.87 - 68.76 mg/L (Poecilia reticulata static) LC50 96 h 3.96 - 5.18 mg/L (Pimephales promelas flow-through) LC50 96 h 24.99 - 44.69 mg/L (Lepomis macrochirus static)	EC50 24 h > 400 mg/L (Daphnia magna )
Resin acids and rosin acids, esters with pentaerythritol 8050-26-8	>1000 mg/L	>1000 mg/L	>1000 mg/L
Methylcyclohexane 108-87-2	10 mg/l (Pseudokirchneriella subcapitata - OECD 201)	2.07 mg/l (Oryzias latipes )	3 mg/l (Daphnia magna - OECD 202)
Hexane 110-54-3	-	LC50 96 h 2.1 - 2.98 mg/L (Pimephales promelas flow-through)	EC50 24 h > 1000 mg/L (Daphnia magna )
Ethyl alcohol 64-17-5	-	LC50 96 h > 100 mg/L (Pimephales promelas static) LC50 96 h 12.0 - 16.0 mL/L (Oncorhynchus mykiss static) LC50 96 h 13400 - 15100 mg/L (Pimephales promelas flow-through)	EC50 24 h = 10800 mg/L (Daphnia magna ) EC50 48 h = 2 mg/L (Daphnia magna Static) LC50 48 h 9268 - 14221 mg/L (Daphnia magna )
Silica, amorphous 7631-86-9	EC50 72 h = 440 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 5000 mg/L (Brachydanio rerio static)	EC50 48 h = 7600 mg/L (Ceriodaphnia dubia )
Ethylene glycol 107-21-1	EC50 96 h 6500 - 13000 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 16000 mg/L (Poecilia reticulata static)	EC50 48 h = 46300 mg/L (Daphnia magna )
Benzenepranoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester 6683-19-8	EC50 72 h > 100 mg/L (Desmodesmus subspicatus)	LC50 96 h > 100 mg/L (Brachydanio rerio ) OECD 203	EC50 24 h > 86 mg/L (Daphnia magna ) OECD 202
Methyl alcohol 67-56-1	-	LC50 96 h > 100 mg/L (Pimephales promelas static)	-

### 12.2. Persistence and degradability

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No information available.

## 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 formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

No information available.

## **Section 13: DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

## **Section 14: TRANSPORTATION INFORMATION**

### IMDG

UN Number	UN1133
Proper Shipping Name	Adhesives (Cyclohexane), Marine Pollutant
Transport hazard class(es)	3
Packing Group	III
Marine Pollutant	P
EmS-No	F-E, S-D
Special Provisions	223, 955
Limited Quantity (LQ)	5 L
Description	UN1133, Adhesives (Cyclohexane), 3, III, (-15°C c.c.), Marine Pollutant

### IATA

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Transport hazard class(es)	3
Packing Group	III
ERG Code	3L
Limited Quantity (LQ)	10 L
Special Provisions	A3
Description	UN1133, Adhesives, 3, III

### ADR

UN/ID No	UN1133
Proper Shipping Name	Adhesives, Environmentally Hazardous
Transport hazard class(es)	3
Labels	3
Packing Group	III
Description	UN1133, Adhesives, 3, III, (D/E), Environmentally Hazardous
Environmental Hazard	Yes
Limited Quantity (LQ)	5 L
Classification Code	F1
Tunnel Restriction Code	(D/E)

## **Section 15: REGULATORY INFORMATION**

# Safety Data Sheet

**BOSTIK TUF AS NAILS GENERAL PURPOSE**  
Revision Number 1.01

**Revision Date** 24-May-2018  
**Supersedes Date:** 01-Jun-2017

## National Regulations

### **Section 16: OTHER INFORMATION**

*Chronic Hazard Star Legend*

\* = *Chronic Health Hazard*

#### **Key or legend to abbreviations and acronyms used in the safety data sheet**

No information available

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

No information available

#### **Prepared By**

Product Safety & Regulatory Affairs

#### **Revision Date**

24-May-2018

#### **Revision Note**

Not applicable.

#### **Training Advice**

Provide adequate information, instruction, and training for operator

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

**End of Safety Data Sheet**