

**SUPERTAK HIGH PERFORMANCE**  
 Revision Number 2.01

Revision Date 28-May-2018  
 Supersedes Date: 07-Nov-2017

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

### 1.1. Product Identifier

**Product Name** SUPERTAK HIGH PERFORMANCE  
**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

**Manufacturer**

Bostik Inc.  
 11320 W. Watertown Plank Road  
 Wauwatosa, Wisconsin 53226 USA  
 Phone: +1 (800) 843-0844 (Domestic Toll Free)  
 Phone: +1 (414) 774-2250 (International)  
 Fax: +1 (414) 774-8075

### 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

Skin Corrosion/Irritation	Category 3 (6.3B)
Serious Eye Damage/Eye Irritation	Category 2A (6.4A)
Skin sensitization	Category 1 (6.5B)
STOT - Single Exposure	Category 3 (†)
Acute aquatic toxicity	Category 2 (9.1D)
Chronic aquatic toxicity	Category 2 (9.1B)
Aerosols	Category 1 (2.1.2A <sup>b</sup> )

Classification in parenthesis is applicable for New Zealand Hazard Classification

**ERMA Group** HSR002515

### 2.2. Label Elements



**Signal Word**

DANGER

**Hazard statements**

H336 - May cause drowsiness or dizziness  
 H411 - Toxic to aquatic life with long lasting effects  
 H317 - May cause an allergic skin reaction

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H316 - Causes mild skin irritation  
H319 - Causes serious eye irritation  
H222 - Extremely flammable aerosol  
H229 - Pressurized container: May burst if heated

## Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children

## Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P211 - Do not spray on an open flame or other ignition source  
P251 - Pressurized container: Do not pierce or burn, even after use

## Precautionary Statements - Response

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

## Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P312 - Call a POISON CENTER or doctor if you feel unwell

## Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse

## Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/attention

## Spill

P391 - Collect spillage

## Precautionary Statements - Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

## Precautionary Statements - Disposal

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

## 2.3. Other Hazards

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Acetone	67-64-1	20- <40
Methyl acetate	79-20-9	5 - <10
Parachlorobenzotrifluoride	98-56-6	1 - <5
n-Heptane	142-82-5	1 - <3

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

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General Advice

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

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<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

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

**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).

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Formaldehyde.

### 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** Ventilate the area.

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

### 6.2. Environmental precautions

**Environmental Precautions** Do not empty into drains, dispose of this material and its container at hazardous or

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special waste collection point.

## 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).

**Methods for cleaning up** Do not direct water at spill or source of leak.

## 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

**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.

**Incompatible Materials** Strong acids and bases

### 7.3. Specific end use(s)

**Other Information** Keep product and empty container away from heat and sources of ignition. Do not reuse container.

### 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

Chemical Name	New Zealand	Australia	European Union
Acetone 67-64-1	TWA: 500 ppm TWA: 1185 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2375 mg/m <sup>3</sup>	500 ppm TWA 1185 mg/m <sup>3</sup> TWA 1000 ppm STEL 2375 mg/m <sup>3</sup> STEL	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>
Methyl acetate 79-20-9	TWA: 200 ppm TWA: 606 mg/m <sup>3</sup> STEL: 250 ppm STEL: 757 mg/m <sup>3</sup>	200 ppm TWA 606 mg/m <sup>3</sup> TWA 250 ppm STEL 757 mg/m <sup>3</sup> STEL	-
Parachlorobenzotrifluoride 98-56-6	TWA: 2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup> TWA	-
n-Heptane 142-82-5	TWA: 400 ppm TWA: 1640 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2050 mg/m <sup>3</sup>	400 ppm TWA 1640 mg/m <sup>3</sup> TWA 500 ppm STEL 2050 mg/m <sup>3</sup> STEL	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>

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Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m <sup>3</sup> STEL: 250 ppm STEL: 760 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>
Parachlorobenzotrifluoride 98-56-6	TWA: 2.5 mg/m <sup>3</sup> F	IDLH: 250 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup> F
n-Heptane 142-82-5	STEL: 500 ppm TWA: 400 ppm	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 85 ppm TWA: 350 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2000 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. Ensure the ventilation system is regularly maintained and tested. Showers  
Eyewash stations  
Ventilation systems.

## PPE - Personal Protection Equipment

**Eye/Face Protection** Wear safety glasses with side shields (or goggles).  
**Skin and Body Protection** Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.  
**Hand Protection** 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.  
**Respiratory Protection** 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.  
**General Hygiene Considerations** 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

**Appearance** Aerosol  
**Color** White  
**Odor** Solvent  
**Odor Threshold** No information available

<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	67.1 °C / 152.7 °F	
Flash Point	-104.4 °C / -155.9 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		

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Upper flammability limit:	11.4%
Lower flammability limit:	2.2%
Vapor Pressure	No information available
Vapor Density	No information available
Relative Density	No information available
Water Solubility	No information available
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

## 9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	No information available 34
Density	7.360 LB/GAL
Bulk Density	No information available
VOC	38.4 %

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Incompatible Materials Strong acids and bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Formaldehyde. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on toxicological effects

#### Acute Toxicity

#### Product Information

##### Inhalation

Harmful by inhalation.  
May cause drowsiness or dizziness. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

##### Eye contact

Severely irritating to eyes.

##### Skin Contact

May cause sensitization by skin contact.

##### Ingestion

Not an expected route of exposure.

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## Numerical measures of toxicity

### Unknown acute toxicity

- 32.35 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 12.11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 12.11 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 9.76 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	= 5800 mg/kg ( Rat )	>15800 mg/Kg (rat)	= 79 mg/l( Rat ) 4 h
Methyl acetate 79-20-9	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	> 49000 mg/m <sup>3</sup> ( Rat ) 4 h
Parachlorobenzotrifluoride 98-56-6	= 13 g/kg ( Rat )	> 2 mL/kg ( Rabbit )	= 33 mg/L ( Rat ) 4 h
n-Heptane 142-82-5	-	= 3000 mg/kg ( Rabbit )	= 103 g/m <sup>3</sup> ( Rat ) 4 h

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

<b>Skin Corrosion/Irritation</b>	Substance may cause slight skin irritation.
<b>Serious Eye Damage/Eye Irritation</b>	Severe eye irritation.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	May cause drowsiness or dizziness.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Heart, Central nervous system, Eyes, Respiratory system, Skin.
<b>Aspiration hazard</b>	No information available.
<b>Carcinogenicity</b>	No information available.

## **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
Acetone 67-64-1	-	LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss )	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static)
Methyl acetate 79-20-9	EC50 72 h > 120 mg/L (Desmodesmus subspicatus)	LC50 96 h 250 - 350 mg/L (Brachydanio rerio static) LC50 96 h 295 - 348 mg/L (Pimephales promelas flow-through)	EC50 48 h = 1026.7 mg/L (Daphnia magna )
Parachlorobenzotrifluoride 98-56-6	-	LC50 48 h 11.5 - 15.8 mg/L (Lepomis macrochirus static)	EC50 48 h = 3.68 mg/L (Daphnia magna )
n-Heptane 142-82-5	-	LC50 96 h = 375.0 mg/L (Cichlid fish )	EC50 24 h > 10 mg/L (Daphnia magna )

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

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## 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	UN1950
Proper Shipping Name	Aerosols (n-Heptane), Marine Pollutant
Transport hazard class(es)	2.1
Marine Pollutant	P
EmS-No	F-D, S-U
Special Provisions	63,190, 277, 327, 344, 381, 959
Limited Quantity (LQ)	See SP277
Description	UN1950, Aerosols (n-Heptane), 2.1, Marine Pollutant

### IATA

UN/ID No	UN1950
Proper Shipping Name	Aerosols, flammable
Transport hazard class(es)	2.1
ERG Code	10L
Limited Quantity (LQ)	30 kg G
Special Provisions	A145, A167, A802
Description	UN1950, Aerosols, flammable, 2.1

### ADR

UN/ID No	UN1950
Proper Shipping Name	Aerosols, Environmentally Hazardous
Transport hazard class(es)	2
Labels	2.2
Description	UN1950, Aerosols, 2, (E), Environmentally Hazardous
Environmental Hazard	Yes
Limited Quantity (LQ)	1 L
Special Provisions	327, 625, 344, 190
Classification Code	5A
Tunnel Restriction Code	(E)

## **Section 15: REGULATORY INFORMATION**

### National Regulations

## **Section 16: OTHER INFORMATION**



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*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**

28-May-2018

**Revision Note**

SDS sections updated, 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 15, 16.

**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**