

BOSTIK SUPERTAK HS Clear
 Revision Number 2

Revision Date 06-May-2018
 Supersedes Date: 23-Nov-2017

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

1.1. Product Identifier

Product Name BOSTIK SUPERTAK HS Clear
Pure substance/mixture Mixture

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

Recommended use Contact adhesives. Aerosol.
Uses advised against Consumer use.

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

Skin Corrosion/Irritation	Category 2 (6.3A)
Serious Eye Damage/Eye Irritation	Category 2A (6.4A)
Carcinogenicity	Category 2 (6.7B)
STOT - Single Exposure	Category 3 (†)
Specific target organ toxicity (repeated exposure)	Category 1 (6.9A)
Acute aquatic toxicity	Category 3 (9.1D)
Aerosols	Category 1

ERMA Group HSR005217

2.2. Label Elements



Signal Word

DANGER

Hazard statements

H351 - Suspected of causing cancer
 H319 - Causes serious eye irritation
 H315 - Causes skin irritation
 H372 - Causes damage to organs through prolonged or repeated exposure

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H402 - Harmful to aquatic life
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H222 - Extremely flammable aerosol
H229 - Pressurized container: May burst if heated

Precautionary Statements - Prevention

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
P264 - Wash face, hands and any exposed skin thoroughly after handling
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P270 - Do not eat, drink or smoke when using this product
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

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash 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

Precautionary Statements - Storage

P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
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-%
Methylene chloride	75-09-2	40 - <80

*** 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.
Inhalation	Remove to fresh air.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye contact	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

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	immediately.
Ingestion	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
Self-Protection of the First Aider	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 CO2, 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).

5.3. Advice for firefighters

Special Protective Equipment for Fire-fighters Caution! Container under pressure. Heating causes rise in pressure with risk of bursting. Cool container with water spray.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all possible sources of ignition in the surrounding area. Ensure adequate ventilation, especially in confined areas.

Other Information Ventilate the area.

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.

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.

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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 Ensure adequate ventilation, especially in confined areas. Use only in well-ventilated areas. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

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 containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Recommended storage temperature. 10 - 35 °C. Observe local regulations / instructions for storage of pressurized containers.

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

Chemical Name	New Zealand	Australia	European Union
Methylene chloride 75-09-2	TWA: 50 ppm TWA: 174 mg/m ³	50 ppm TWA 174 mg/m ³ TWA	-

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Methylene chloride 75-09-2	TWA: 50 ppm	IDLH: 2300 ppm	TWA: 25 ppm STEL: 125 ppm see 29 CFR 1910.1052

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

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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	Clear, colorless to yellow
Odor	Petroleum distillates
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	Not applicable, Aerosol No information available	
Flash Point	Not applicable, Aerosol No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
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
Density	No information available
Bulk Density	No information available
VOC	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

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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 Heating causes rise in pressure with risk of bursting.

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

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.
Eye contact No data available.
Skin Contact No data available.
Ingestion No data available.

Numerical measures of toxicity

Unknown acute toxicity

40 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
84.1072 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
84.1072 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
84.1072 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
40 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride 75-09-2	> 2000 mg/kg (Rat)	-	>86 mg/L (Rat) 4 h

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

Skin Corrosion/Irritation No information available.
Serious Eye Damage/Eye Irritation No information available.
Sensitization No information available.
Germ Cell Mutagenicity No information available.
Reproductive Toxicity No information available.
STOT - Single Exposure No information available.
STOT - Repeated Exposure No information available.
Target Organ Effects Central nervous system, Central Vascular System (CVS), Eyes, Liver, Lungs, Respiratory system, Skin.
Aspiration hazard No information available.
Carcinogenicity The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Chemical Name	IARC	China	Japan
Methylene chloride	Group 2A	-	Group 2A

IARC (International Agency for Research on Cancer) Group 2A - Probably Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

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Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information

Harmful to aquatic life.

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methylene chloride 75-09-2	EC50 72 h > 500 mg/L (Pseudokirchneriella subcapitata) EC50 96 h > 500 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 193 mg/L (Lepomis macrochirus flow-through) LC50 96 h = 193 mg/L (Lepomis macrochirus static) LC50 96 h 140.8 - 277.8 mg/L (Pimephales promelas flow-through) LC50 96 h 262 - 855 mg/L (Pimephales promelas static)	EC50 48 h = 27 mg/L (Daphnia magna)

12.2. Persistence and degradability

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	UN3501
Proper Shipping Name	Chemical under pressure, flammable, n.o.s.
Transport hazard class(es)	2.1
Marine Pollutant	Np
EmS-No	F-D, S-U
Special Provisions	274, 362
Limited Quantity (LQ)	0
Description	UN3501, Chemical under pressure, flammable, n.o.s., 2.1

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IATA

UN/ID No	UN3501
Proper Shipping Name	Chemical under pressure, flammable, n.o.s. (Petroleum gases, liquefied <0.1% w/w 1,3 Butadiene)
Transport hazard class(es)	2.1
ERG Code	10L
Limited Quantity (LQ)	Forbidden
Special Provisions	A1, A187
Description	UN3501, Chemical under pressure, flammable, n.o.s. (Petroleum gases, liquefied <0.1% w/w 1,3 Butadiene), 2.1

ADR

UN/ID No	UN3501
Proper Shipping Name	Chemical under pressure, flammable, n.o.s. (Petroleum gases, liquefied <0.1% w/w 1,3 Butadiene)
Transport hazard class(es)	2
Labels	2.1
Description	UN3501, Chemical under pressure, flammable, n.o.s. (Petroleum gases, liquefied <0.1% w/w 1,3 Butadiene), 2, (B/D)
Limited Quantity (LQ)	0
Special Provisions	274, 659
Classification Code	8F
Tunnel Restriction Code	(B/D)

Section 15: REGULATORY INFORMATION

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

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Revision Note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

Disclaimer

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End of Safety Data Sheet