

BOSTIK(R) GLIDECOTE
 Revision Number 2

Revision Date 26-May-2019
 Supersedes Date: 25-Aug-2017

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

1.1. Product Identifier

Product Name BOSTIK(R) GLIDECOTE
Pure substance/mixture Mixture

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

Recommended use lubricant.
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: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Aspiration hazard	Category 1 (6.1E ⁹)
Skin corrosion/irritation	Category 2 (6.3A)
Serious eye damage/eye irritation	Category 2A (6.4A)
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 ^b)

2.2. Label Elements



Signal word

Danger

Hazard statements

H411 - Toxic to aquatic life with long lasting effects
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness
 H315 - Causes skin irritation
 H304 - May be fatal if swallowed and enters airways

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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
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
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 - 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
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

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting

Spill

P391 - Collect spillage

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-%
Acetone	67-64-1	40 - <80
1,1-Difluoroethane	75-37-6	20- <40
Naphtha, petroleum, light alkylate	64741-66-8	10 - <20
2,2,4-Trimethylpentane	540-84-1	5 - <10
Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene	64742-48-9	1 - <3

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

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General advice	Get medical advice/attention. Remove and isolate contaminated clothing and shoes.
Inhalation	Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Administer oxygen if breathing is difficult.
Skin contact	In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves

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 Keep victim warm and quiet.

4.4. Reference to Other Sections

Reference to other sections Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO2. Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Some may burn but none ignite readily. Ruptured cylinders may rocket.

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.

6.2. Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.

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6.3. Methods and material for containment and cleaning up

Methods for containment If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.

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

6.4. Reference to other sections

Reference to other sections Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

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 When using do not eat, drink or smoke. Wash contaminated clothing before reuse. 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. 50 - 95 °F. Observe local regulations / instructions for storage of pressurized containers.

Incompatible materials No information available

7.3. Specific end use(s)

Specific Use(s) lubricant.

Other information No information available.

7.4. References to Other Sections

Reference to other sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

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 ³ STEL: 1000 ppm STEL: 2375 mg/m ³	500 ppm TWA 1185 mg/m ³ TWA 1000 ppm STEL 2375 mg/m ³ STEL	TWA: 500 ppm TWA: 1210 mg/m ³

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 ³	TWA: 1000 ppm TWA: 2400 mg/m ³
2,2,4-Trimethylpentane 540-84-1	TWA: 300 ppm	-	-

Derived No Effect Level (DNEL) No information available

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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

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	Colorless
Odor	Solvent
Odor Threshold	No information available

Property	Values	Remarks • Method
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash Point	-50 °C	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Relative Density	No data available	
Water Solubility	No data available	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition Temperature	No data available	
Decomposition Temperature	No data available	
Kinematic Viscosity	No data available	
Dynamic Viscosity	No data 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 (%)	2.3

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Density 0.800 g/ml
Bulk Density No information available
VOC (volatile organic compound) < 20 g/L

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

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 No information available.

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

25 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
25 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
47.724 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
46.24 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
25 % 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
Naphtha, petroleum, light alkylate 64741-66-8	> 7000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 6.31 mg/L (Rat) 4 h
2,2,4-Trimethylpentane 540-84-1	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 14.38 mg/L (Rat) 4 h
Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	LC50 Vapour (4h) >5020 mg/m ³ (Rat)

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64742-48-9			
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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	liver, Eyes, retina, Skin.
Aspiration hazard	No information available.
Carcinogenicity	The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

IARC (International Agency for Research on Cancer) *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
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)
Naphtha, petroleum, light alkylate 64741-66-8	EC50 72 h = 6.4 mg/L (Pseudokirchneriella subcapitata)	-	LC50: =2mg/L (48h, Mysidopsis bahia)
Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene 64742-48-9	EL50 (72h) > 1000 mg/l (Pseudokirchneriella subcapitata) OECD 201	LC50: =2200mg/L (96h, Pimephales promelas)	LL50 (48h) > 1000 mg/l (Daphnia magna) OECD 202

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Acetone 67-64-1	-0.24	0.69

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.

Chemical name	PBT and vPvB assessment
Acetone 67-64-1	The substance is not PBT / vPvB
1,1-Difluoroethane 75-37-6	The substance is not PBT / vPvB

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Naphtha, petroleum, light alkylate 64741-66-8	The substance is not PBT / vPvB PBT assessment does not apply
2,2,4-Trimethylpentane 540-84-1	The substance is not PBT / vPvB PBT assessment does not apply
Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene 64742-48-9	The substance is not PBT / 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	Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

IMDG

UN Number	UN1950
Proper Shipping Name	Aerosols (Naphtha, petroleum, light alkylate), 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 (Naphtha, petroleum, light alkylate), 2.1, Marine Pollutant

IATA

UN Number	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 Number	UN1950
Proper Shipping Name	Aerosols, Environmentally Hazardous
Transport hazard class(es)	2
Labels	2.1
Description	UN1950, Aerosols, 2, (D), Environmentally Hazardous
Environmental hazards	Yes
Limited Quantity (LQ)	1 L
Special Provisions	190, 327, 344, 625
Classification Code	5F
Tunnel Restriction Code	(D)

Section 15: REGULATORY INFORMATION

National Regulations

ERMA Group HSR002515

Section 16: OTHER INFORMATION

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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 No information available

Disclaimer

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End of Safety Data Sheet