

BOSTIK V60 SILICONE TRANSPARENT
Revision Number 1

Revision Date 06-May-2019
Supersedes Date: 06-May-2019

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

1.1. Product Identifier

Product Name BOSTIK V60 SILICONE TRANSPARENT
Pure substance/mixture Mixture

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

Recommended use Sealant.
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

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

ERMA Group Not applicable

2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Signal word None

Precautionary Statements - Prevention

P264 - Wash hands thoroughly after handling
P281 - Use personal protective equipment as required

Precautionary Statements - Response

P314 - Get medical advice/attention if you feel unwell

Skin

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

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

Precautionary Statements - Storage

P401 - Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

P501 - Dispose of contents/containers in accordance with local regulations

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2.3. Other Hazards

- May be harmful if swallowed
- May be harmful in contact with skin

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Chemical name	CAS No.	Weight-%
2-Pentandione, O,O',O''-(methylsilylidyne)trioxime	37859-55-5	5 - <10
Methyl n-propyl ketoxime	623-40-5	1 - <3
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	1760-24-3	0.1- <1
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	2224-33-1	0.1- <1
2-Butanone, oxime	96-29-7	0.1- <1

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove to fresh air.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Use personal protective equipment as required.

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 Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the Keep product and empty container away from heat and sources of ignition.

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chemical

5.3. Advice for firefighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

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.

7.2. Conditions for safe storage, including any incompatibilities

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions Keep container tightly closed and dry. Product cures with moisture.

Incompatible materials No information available

7.3. Specific end use(s)

Specific Use(s) Sealant.

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

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

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 No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Very viscous Paste
Color	Clear
Odor	Characteristic
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Relative Density	1.023	
Water Solubility	Insoluble in water	
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

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Density No information available
Bulk Density No information available
VOC (volatile organic compound) 47 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 Protect from moisture. Product cures with moisture.

10.5. Incompatible materials

Incompatible materials No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition can lead to release of irritating and toxic gases and vapors.

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.

Oral LD50 > 2009 mg/kg (rat)

Dermal LD50 > 2009 mg/kg (rat)

Numerical measures of toxicity

Unknown acute toxicity

97.3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
97.3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
97.3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-Pentandione, O,O',O''-(methylsilylyldiyl)trioxime 37859-55-5	LD50 =1234 mg/kg bw (Rat)(OECD guideline 425)	LD50 > 2000 mg/kg (Rat) EU Method B.3	-
Methyl n-propyl ketoxime 623-40-5	LD50 = 1133 mg/kg (Rat) OECD 425	-	-
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine 1760-24-3	= 2295 mg/kg (Rat)	>2000 mg/Kg (Rat)	LC50 4H (Aerosol)1.5 - 2.44 mg/L air

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Butan-2-one O,O',O''-(vinylsilyldiylidene)trioxime 2224-33-1	LD50 > 2000 mg/kg (Rat) OECD 425	LD50 > 2009 mg/kg (Rat) OECD 402	-
2-Butanone, oxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4.83 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	No information available.
Aspiration hazard	No information available.
Carcinogenicity	The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information

None known.

Component Information

Data obtained on the component(s) include

Chemical name	Algae/aquatic plants	Fish	Crustacea
2-Pentandione, O,O',O''-(methylsilyldiylidene)trioxime 37859-55-5	EC50 (72h) = 88 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h) >113 mg/L (Oncorhynchus mykiss) Static (OECD Guideline 203)	EC50 (48h) >100 mg/L Waterflea (Daphnia magna) static (OECD guideline 202)
Methyl n-propyl ketoxime 623-40-5	EC50 (72h) = 54 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h) > 100 mg/L (Oncorhynchus mykiss) OECD Guideline 203	EC50 (48h) > 100 mg/l (Daphnia magna) OECD Guideline 202
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine 1760-24-3	-	LC50 (96H) =597 mg/L Fish (Danio rerio)Semi-static	EC50 (48h) =81mg/L Daphnia magna Static
Butan-2-one O,O',O''-(vinylsilyldiylidene)trioxime 2224-33-1	EC50 (72h) = 16 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h)> 120 mg/L (Oncorhynchus mykiss) OECD 203	EC50 (48h) > 120 mg/L (Daphnia magna) OECD 202
2-Butanone, oxime 96-29-7	EC50: =83mg/L (72h, Desmodesmus subspicatus)	LC50: =760mg/L (96h, Poecilia reticulata) LC50: 777 - 914mg/L (96h, Pimephales promelas) LC50: 320 - 1000mg/L (96h, Leuciscus idus)	EC50: =750mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

There is no data for this product.

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
2-Pentandione, O,O',O''-(methylsilyldiylidene)trioxime 37859-55-5	1.25	3.1
Methyl n-propyl ketoxime 623-40-5	1.43	-
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	-0.3	-

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amine 1760-24-3		
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime 2224-33-1	1.69	5.8
2-Butanone, oxime 96-29-7	0.65	5.8

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
2-Pentandione, O,O',O''-(methylsilylidyne)trioxime 37859-55-5	The substance is not PBT / vPvB
Methyl n-propyl ketoxime 623-40-5	The substance is not PBT / vPvB
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine 1760-24-3	The substance is not PBT / vPvB
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime 2224-33-1	The substance is not PBT / vPvB
2-Butanone, oxime 96-29-7	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 Not regulated

IATA Not regulated

ADR Not regulated

Section 15: REGULATORY INFORMATION

National Regulations

Section 16: OTHER INFORMATION

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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Prepared By Product Safety & Regulatory Affairs

Revision Date 06-May-2019

Revision note Not applicable.

Training Advice No information available

Disclaimer

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End of Safety Data Sheet