

SAFETY DATA SHEET

Item Code: N0514

Section 1.	Identification of the material and the supplier
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Item Code:	N0514
Product:	Bostik Stik N Seal
Product Use:	A multi-purpose, nitrile rubber based sealant / sealant for bonding to most common substrates.
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
Emergency Telephone:	09 526 5700 0800 766 764 (Poison Line)
Manufacturer:	Bostik
Date of MSDS Preparation:	14 March 2017 Ver 2

Section 2.	Hazards Identification
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This substance is classified as a dangerous good according to NZS5433: 2007

This substance has been determined by the manufacturer to be hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Group Standard & ERMA Approval Code: Surface Coatings and Colourants – HSR002662

Pictograms



Flammable Toxic Chronic

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
3.1B	H225	Highly flammable liquid and vapour.	R11
6.3B	H316	Causes mild skin irritation.	R38
6.4A	H319	Causes serious eye irritation.	R36
6.9B	H373	May cause damage to organs through prolonged or repeated exposure	R68

Prevention Code Prevention Statement

P103	Read label before use.
P104	Read safety data sheet before use
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapours*.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves.

Response Code Response Statement

P314	Get medical advice/attention if you feel unwell.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use water fog, foam, dry chemical, carbon dioxide for extinction.

Storage Code Storage Statement

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

P501	Dispose of waste and residues in accordance with local authority requirements
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Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Acetone (2 Propanone)	10-60%	67-64-1
Methyl Ethyl Ketone (2-Butanone)	10-60%	78-93-3
Ethyl Acetate (Acetic Acid, ethyl ester)	10-60%	141-78-6
Non-hazardous materials	To 100%	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.

If on Skin Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance

If Swallowed	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Flammable Liquid
Hazards from decomposition products	Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion of this material may include carbon dioxide, carbon monoxide, water vapour, oxides of nitrogen or a wide variety of innocuous or toxic fumes. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along ground to sources of ignition.
Suitable Extinguishing media	Water fog, foam, dry chemical, carbon dioxide Do not use a water jet.
Precautions for firefighters and special protective clothing	Wear full protective equipment, including self contained breathing apparatus.
HAZCHEM CODE	3YE

Section 6. Accidental Release Measures

Small Spills Extinguish all ignition sources. Avoid sparks, flames and heat. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (rag or paper towels). Collect and seal in properly labelled containers or drums for disposal or recycling.

Large Spills Extinguish all ignition sources. Avoid sparks, flames, heat and the build up of static electricity. Consider evacuation of area and/or site. Alert Emergency Services if required. Slippery when spilt. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours by wearing appropriate respirator. Contain spill to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material). Collect using spark-free shovels (ie. plastic) and seal in properly labelled containers or drums for disposal or recycling. See Disposal section of this SDS for further details.

Section 7. Handling and Storage

Handling Avoid breathing of, or contact with, material. Use only in well ventilated areas. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact. Wash thoroughly after handling.

Storage Store in a cool, dry, well ventilated place and out of direct sunlight. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Store away from any incompatible

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA ppm mg/m ³	STEL ppm mg/m ³
Acetone (2 Propanone)	67-64-1	500 ppm	1000 ppm
Methyl Ethyl Ketone (2-Butanone)	78-93-3	150 ppm	300 ppm
Ethyl Acetate (Acetic Acid, ethyl ester)	141-78-6	200 ppm	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.*

Engineering Controls

Use in a well ventilated area only. Vapour is heavier than air. Prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected. Keep containers in a well ventilated area. Explosion proof general and local exhaust ventilation system is required.

Personal Protection Equipment

Avoid fume inhalation. Wear organic vapour respirator, especially if working in a poorly ventilated area. Selection of the correct cartridge is essential. Avoid skin contact. Avoid repeated and prolonged skin contact. Wear overalls or similar protective clothing. Wear solvent resistant gloves, and enclosed footwear. Avoid eye contact. Wear safety glasses, goggles or appropriate face shield.

Section 9 Physical and Chemical Properties

Appearance	Silver flowable paste
Odour	acetone
Flash Point	-17 °C
Boiling Point	56 – 80 °C
Lower & Upper Flammability Limits	2 – 12%
Auto-ignition Temperature	460 °C
Percent Volatile by weight	55 %
Specific Gravity	1.0
Solubility in Water	Medium

Section 10. Stability and Reactivity

Stability of Substance	This material is stable when stored and used as directed.
Conditions to Avoid	Avoid heat, sparks, flames and any other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids and gases,

including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

Hazardous Reactions Will react with strong oxidising agents.

Section 11 Toxicological Information

Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products.

No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Oral Toxicity	Not toxic, however swallowing can result in nausea and vomiting.
Acute Dermal Toxicity	Not toxic.
Acute Inhalation Toxicity	Not toxic, however product may be an irritant to mucous membranes and respiratory tract.
Skin Irritation	Expected to cause skin irritation.
Eye Irritation	Expected to cause eye irritation.
Sensitisation	
(Respiratory & Contact)	Not expected to be a sensitiser
Carcinogenicity	Not expected to be carcinogenic.
Reproductive /	
Developmental Toxicity	Not expected to cause damage to fertility or the unborn child.
Mutagenicity	Not expected to be mutagenic.
Target Organ Systemic	May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Section 12. Ecotoxicological Information

Acute Toxicity	
Aquatic	Not harmful to aquatic life.
Soil	Not ecotoxic in the soil environment.
Terrestrial Vertebrate	Not ecotoxic to terrestrial vertebrates.
Terrestrial Invertebrate	Not ecotoxic to terrestrial invertebrates.
Persistence & degradability	The solvent in this product is readily biodegradable. The remainder of the product is expected to biodegrade slowly.
Bioaccumulation	No data available for the product, however Acetone does not significantly bioaccumulate.
Mobility	Partially miscible with water. Similar density to water.

Section 13. Disposal Considerations

Material Disposal Do not dispose of down drains or into local waterways. Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor. Normally suitable for incineration by an approved agent.

Container Disposal Recycle if possible, or dispose of to a hazardous or special waste collection point. Beware: Empty flammable liquid drums present an explosion hazard if cut by flame or welding torch. Ensure drums are thoroughly cleaned and ventilated.

Local Legislation Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations.

Section 14 Transport Information

Classified as a Dangerous Good for transport

Road and Rail Transport (in NZ ; NZS 5433:2007)

Marine Transport

UN No: 1133
Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES containing flammable liquid

Air Transport

UN No: 1133
Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES containing flammable liquid

Marine Transport

UN No: 1133
Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES containing flammable liquid
Marine Pollutant No

Section 15 Regulatory Information

ERMA Approval Code: **Surface Coatings and Colourants – HSR002662**

HSNO Classification: 3.1B, 6.3B, 6.4A, 6.9B

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	250L ≥ if container ≥ 5L 500L ≥ if container ≤ 5L
Location Certificate	100L (>5L), 250L (<5L); 50L open.
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	250L
Emergency Response Plan trigger Quantities	1000L

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer:

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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