

**BOSTIK N40 PRIMER**  
Revision Number 2.02

Revision date 22-Sep-2019  
Supersedes Date: 13-Jan-2019

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

**Product Name** BOSTIK N40 PRIMER

**Product Code(s)**  
30608476  
30608476; 30608603

### Other means of identification

**Proper Shipping Name** Isopropanol

**UN Number** UN1219

**Pure substance/mixture** Mixture

### Recommended use of the chemical and restrictions on use

**Recommended use** Primers

**Uses advised against** No information available

### Details of manufacturer or importer

#### Supplier

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

**ABN:** 79 003 893 838

**E-mail address** au-bostik-sds@bostik.com

### Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

## Section 2: Hazard(s) identification

### GHS Classification

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

<b>Flammable liquids</b>	Category 2 - (H225)
<b>Serious eye damage/eye irritation</b>	Category 1 - (H318)
<b>Skin sensitization</b>	Category 1B - (H317)
<b>Specific target organ toxicity (single exposure)</b>	Category 3 - (H336)

### Label elements

Flame  
Exclamation mark  
Corrosion

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**Signal word**  
Danger

## Hazard statements

H225 - Highly flammable liquid and vapor  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness

## Precautionary Statements - Prevention

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  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P235 - Keep cool  
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor/physician  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
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/physician if you feel unwell  
P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

## Precautionary Statements - Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up

## Precautionary Statements - Disposal

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

## Other hazards which do not result in classification

May be harmful in contact with skin  
In use may form flammable/explosive vapor-air mixture

## Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poison Schedule Number** Not applicable

## **Section 3: Composition and information on ingredients, in accordance with Schedule 8**

### Substance

Not applicable

### Mixture

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Chemical name	CAS No.	Weight-%
Isopropyl alcohol	67-63-0	> 60%
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	1760-24-3	1 - 10%

## Section 4: First aid measures

**Emergency telephone number** Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

### FIRST AID

**General advice** Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Ingestion** Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Clean mouth with water. Drink 1 or 2 glasses of water. Call a physician or poison control center immediately.

**Self-protection of the first aider** Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

### Most important symptoms and effects, both acute and delayed

**Symptoms** Burning sensation. Itching. Rashes. Hives. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

## Section 5: Firefighting measures

### Suitable extinguishing media

**Suitable extinguishing media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** Do not use straight streams. CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous combustion products** Carbon oxides.

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## Special protective actions for fire-fighters

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**Hazchem code** •2YE

## **Section 6: Accidental release measures**

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not get in eyes, on skin, or on clothing. Keep people away from and upwind of spill/leak.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow to enter into soil/subsoil.

### 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. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take up mechanically, placing in appropriate containers for disposal.

### Precautions to prevent secondary hazards

**Prevention of secondary hazards** Eliminate all ignition sources if safe to do so.

## **Section 7: Handling and storage, including how the chemical may be safely used**

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse.

**General hygiene considerations** Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

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heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Keep out of the reach of children. Store locked up.

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

## Section 8: Exposure controls and personal protection

### Control parameters

#### Exposure Limits

Chemical name	Australia
Isopropyl alcohol 67-63-0	400 ppm TWA 983 mg/m <sup>3</sup> TWA 500 ppm STEL 1230 mg/m <sup>3</sup> STEL

OEL as published by Safe Work Australia

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.  
Antistatic boots.

**Hand protection** Wear suitable gloves. Impervious gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.  
Organic gases and vapors filter conforming to EN 14387

**Environmental exposure controls** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Colorless  
**Odor** Solvent  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	82 °C	
Flash point	12 °C	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	12	

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Lower flammability or explosive limits	1.8
Vapor pressure	4.4
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
<b>Other information</b>	
Solid content (%)	No information available
VOC Content (%)	970 g/L
Density	0.8 g/cm <sup>3</sup>

## Section 10: Stability and reactivity

### Reactivity

Reactivity No information available.

### Chemical stability

Stability Stable under normal conditions.

### Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

### Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### Conditions to avoid

Conditions to avoid Heat, flames and sparks.

### Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

### Hazardous decomposition products

Hazardous decomposition products Carbon oxides.

## Section 11: Toxicological information

### Acute Toxicity

### Information on likely routes of exposure

#### Product Information

Inhalation May cause drowsiness or dizziness.

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<b>Eye contact</b>	Causes serious eye damage.
<b>Skin contact</b>	May cause irritation. May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Symptoms</b>	Redness. Burning. May cause blindness. Itching. Rashes. Hives. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

## Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	21,988.00 mg/kg
<b>ATEmix (dermal)</b>	4,125.70 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	27.53 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol	>5000 mg/Kg	= 4059 mg/kg (Oryctolagus cuniculus)	=72600 mg/m <sup>3</sup> (Rattus) 4 h
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	=2295 mg/kg (Rattus)	>2000 mg/Kg (Rattus)	LC50 4H (Aerosol)1.5 - 2.44 mg/L air

See section 16 for terms and abbreviations

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

**Skin corrosion/irritation** May cause skin irritation.

Component Information					
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit				Mild skin irritant

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

**Respiratory or skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** May cause drowsiness or dizziness.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## Section 12: Ecological information

### Ecotoxicity

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## Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Isopropyl alcohol 67-63-0	EC50 72 h > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h > 1400000 ?g/L (Lepomis macrochirus )	-	EC50: =13299mg/L (48h, Daphnia magna)
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Danio rerio)Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static

## Persistence and degradability

Persistence and degradability No information available.

## Bioaccumulative potential

Bioaccumulation There is no data for this product.

## Component Information

Chemical name	Partition coefficient
Isopropyl alcohol 67-63-0	0.05
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine 1760-24-3	-0.3

## Mobility

Mobility in soil No information available.

Mobility No information available.

## Other Adverse Effects

Other adverse effects No information available.

## Section 13: Disposal considerations

### Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## Section 14: Transport information

### ADG

UN Number UN1219  
Proper shipping name Isopropanol  
Hazard Class 3  
Packing Group II  
ADG Limited Quantity 1 L  
Description UN1219, Isopropanol, 3, II

Hazchem code •2YE

### IATA

UN number UN1219



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Transport hazard class(es) 3  
Packing group II  
ERG Code 3L  
Special Provisions A180  
Limited Quantity (LQ) 1 L  
Description UN1219, Isopropanol, 3, II

## IMDG

UN number UN1219  
Transport hazard class(es) 3  
Packing group II  
EmS-No. F-E, S-D  
Limited Quantity (LQ) 1 L  
Marine Pollutant Np  
Description UN1219, Isopropanol, 3, II, (12°C c.c.)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
No information available

## Section 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National Regulations

##### Australia

See section 8 for national exposure control parameters

##### Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number Not applicable

##### Major hazard (accident/incident planning) regulation

Verify that license requirements are met

##### Hazardous chemical

Liquids that meet the criteria for Class 3 Packing Group II or III  
Liquids with flash points <61°C kept above their boiling points  
at ambient conditions

##### Threshold quantity (T)

50 000  
200

##### National pollutant inventory

Subject to reporting requirement

Chemical name	National pollutant inventory
Isopropyl alcohol 67-63-0	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

##### International Inventories

AICS Listed  
NZIoC Listed  
ENCS Listed  
IECSC Listed  
KECL Listed  
PICCS Listed

##### Legend:

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**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

## International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## **Section 16: Any other relevant information**

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 22-Sep-2019

### **Revision note**

SDS sections updated; 3, 14.

## **Key or legend to abbreviations and acronyms used in the safety data sheet**

### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

### **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

### **Section 12: Ecological information**

EC50 (effective concentration)

## **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**