



# SAFETY DATA SHEET

**BOSTIK SIMSON PREP G PLUS**  
Revision Number 1

Revision date 17-Mar-2020  
Supersedes Date: 17-Mar-2020

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

### Product identifier

**Product Name** BOSTIK SIMSON PREP G PLUS

**Product Code(s)**

30602131  
30602131; 30603148

### Other means of identification

**Proper Shipping Name** Coating solution

**UN Number** UN1139

**Pure substance/mixture** Mixture

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

**Recommended use** Primers

**Uses advised against** Consumer use

### 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

**Manufacturer**

Bostik BV  
De Voerman 8  
PO Box 303  
5215 MH's-Hertogenbosch, The Netherlands  
Tel: +31 736 244 244  
Fax: +31 736 244 344

**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 2A - (H319)
<b>Specific target organ toxicity (single exposure)</b>	Category 3 - (H336)

### Label elements

Flame  
Exclamation mark

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**Signal word**  
Danger

## **Hazard statements**

H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
AUH066 - Repeated exposure may cause skin dryness or cracking

## **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  
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  
P337 + P313 - If eye irritation persists: Get medical advice/attention  
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 if swallowed  
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** S6

## **Label requirements in accordance with SUSMP**

POISON  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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

### **Substance**

Not applicable

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## Mixture

Chemical name	CAS No.	Weight-%
Methyl ethyl ketone	78-93-3	>60
4,4'-Methylenediphenyl diisocyanate	101-68-8	0 - <10
Isophorone diisocyanate	4098-71-9	0 - <10
Non-hazardous ingredients	Proprietary	Balance

## **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** 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. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Ingestion** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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. 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** 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.

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**Hazardous combustion products** Carbon oxides.

## 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** •3YE

## **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.

**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.

**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.

**Incompatible materials** None known based on information supplied.

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations

## Section 8: Exposure controls and personal protection

### Control parameters

#### Exposure Limits

Chemical name	Australia
Methyl ethyl ketone 78-93-3	150 ppm TWA 445 mg/m <sup>3</sup> TWA 300 ppm STEL 890 mg/m <sup>3</sup> STEL
4,4'-Methylenediphenyl diisocyanate 101-68-8	0.02 mg/m <sup>3</sup> TWA 0.07 mg/m <sup>3</sup> STEL
Isophorone diisocyanate 4098-71-9	0.02 mg/m <sup>3</sup> TWA 0.07 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** Black  
**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	80 °C	

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Flash point	-10 °C	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	11.5	
Lower flammability or explosive limits	0.8	
Vapor pressure	150	hPa
Vapor density	2.5	
Relative density	0.98	
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	400 °C	
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	

## Other information

Solid content (%)	No information available	
VOC Content (%)	588.1 g/L / 61.91 %	Swiss ordinance on the Incentive Tax on Volatile Organic Compounds of 12 Nov 1997
Density	No information available	

## **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.

Hazardous polymerization Hazardous polymerization may occur.

### Conditions to avoid

Conditions to avoid Heat, flames and sparks.

### Incompatible materials

Incompatible materials None known based on information supplied.

### Hazardous decomposition products

Hazardous decomposition products Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen cyanide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

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## Section 11: Toxicological information

### Acute Toxicity

#### Information on likely routes of exposure

#### Product Information

**Inhalation** May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**Eye contact** Causes serious eye irritation. May cause redness, itching, and pain.

**Skin contact** May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms** May cause redness and tearing of the eyes. 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

ATEmix (oral) 3,767.80 mg/kg  
ATEmix (inhalation-dust/mist) 6.33 mg/l

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h
4,4'-Methylenediphenyl diisocyanate	=31600 mg/kg (Rattus) = 9200 mg/kg (Rattus)	LD 50 > 9400 mg/kg (Oryctolagus cuniculus) OECD 402	=1.5 mg/L (Rattus) 4 h
Isophorone diisocyanate	=4814 mg/kg (Rattus)	1060 - 4780 mg/kg (Oryctolagus cuniculus)	=0.135 mg/L (Rattus) 4 h

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.

**Serious eye damage/eye irritation** Causes serious eye irritation.

Component Information					
4,4'-Methylenediphenyl diisocyanate (101-68-8)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye	0.1 mL	24 hours	Non-irritant

**Respiratory or skin sensitization** No information available.

Component Information			
4,4'-Methylenediphenyl diisocyanate (101-68-8)			
Method	Species	Exposure route	Results
OECD GD 39	Rat	Inhalation	Sensitizing

**Germ cell mutagenicity** No information available.

**Carcinogenicity** .

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The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia
4,4'-Methylenediphenyl diisocyanate 101-68-8	Carc. 2

**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

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50: 3130 - 3320mg/L (96h, Pimephales promelas)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna )
4,4'-Methylenediphenyl diisocyanate 101-68-8	ErC50 (72h) >1640 mg/L Algae (scenedesmus subspicatus) (OECD 201)	>1000 mg/l (Danio rerio)	-	EC50 (24H) >1000 mg/L Daphnia magna
Isophorone diisocyanate 4098-71-9	EC50: =118.7mg/L (72h, Desmodesmus subspicatus)	LC50: =1.8mg/L (48h, Leuciscus idus)	-	EC50: =83.7mg/L (24h, Daphnia magna)

### Persistence and degradability

**Persistence and degradability** No information available.

Component Information			
Methyl ethyl ketone (78-93-3)			
Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	biodegradation	98 % Readily biodegradable
4,4'-Methylenediphenyl diisocyanate (101-68-8)			
Method	Exposure time	Value	Results
OECD Test No. 302C: Inherent Biodegradability: Modified MITI Test (II)	28 days	0% biodegradation	Not readily biodegradable
Isophorone diisocyanate (4098-71-9)			
Method	Exposure time	Value	Results
EU C.4-D	28 days	0%	Not readily biodegradable

### Bioaccumulative potential

**Bioaccumulation** There is no data for this product.



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## Component Information

Chemical name	Partition coefficient
Methyl ethyl ketone 78-93-3	0.3
4,4'-Methylenediphenyl diisocyanate 101-68-8	4.51

## 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** UN1139  
**Proper shipping name** Coating solution  
**Hazard Class** 3  
**Packing Group** II  
**ADG Limited Quantity** 5 L  
**Description** UN1139, Coating solution, 3, II

**Hazchem code** •3YE

### IATA

**UN number** UN1139  
**Transport hazard class(es)** 3  
**Packing group** II  
**ERG Code** 3L  
**Special Provisions** A3  
**Limited Quantity (LQ)** 1 L  
**Description** UN1139, Coating solution, 3, II

### IMDG

**UN number** UN1139  
**Transport hazard class(es)** 3  
**Packing group** II  
**EmS-No.** F-E, S-E  
**Limited Quantity (LQ)** 5 L  
**Marine Pollutant** Np  
**Description** UN1139, Coating solution, 3, II, (-10°C c.c.)

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

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## 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** S6

##### 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
Methyl ethyl ketone 78-93-3	10 tonne/yr Threshold category 1 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
4,4'-Methylenediphenyl diisocyanate 101-68-8	10 tonne/yr Threshold category 1 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

<b>AICS</b>	Listed
<b>NZIoC</b>	Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	Listed
<b>KECL</b>	Listed
<b>PICCS</b>	Not Listed

#### Legend:

**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

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The Rotterdam Convention Not applicable

## Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 17-Mar-2020

Revision note  
SDS sections updated: 3.

### 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