

**BOSTIK BOSCODUR NO 10**  
 Version 1

Revision Date 01-Jun-2017  
 Supersedes Date: 01-Jun-2017

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

### 1.1. Product Identifier

**Product Name** BOSTIK BOSCODUR NO 10  
**Pure substance/mixture** substance  
**CAS No** 9016-87-9

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended use** Isocyanate containing product. Cross-linking agent.  
**Uses Advised Against** Consumer use.

### 1.3. Details of the Supplier of the Safety Data Sheet

<b>Company Name</b>	Bostik Australia Pty Ltd
Bostik New Zealand Limited	51-71 High street,
19 Eastern Hutt Road Wingate,	Thomastown Victoria
Lower Hutt, New Zealand	Australia
Tel: 04-567 5119	Tel: 613 9279-9333
Fax: 04-567 5412	Fax: 613 9279-9342
	24-hr Emergency: 1800 033 111

### 1.4. Emergency Telephone Number

**Emergency Telephone** 24 Hr: 0800 243 622  
 Poison Centre : 0800 764 766

**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Acute toxicity - Inhalation (Dusts/Mists)	Category 4 (6.1D)
Skin Corrosion/Irritation	Category 2 (6.3A)
Serious Eye Damage/Eye Irritation	Category 2 (6.4)
Respiratory sensitization	Category 1 (6.5A)
Skin sensitization	Category 1 (6.5B)
Carcinogenicity	Category 2 (6.7B)
STOT - Single Exposure	Category 3 (i)
Specific target organ toxicity (repeated exposure)	Category 2 (6.9B)

Classification in parenthesis is applicable for New Zealand Hazard Classification

**ERMA Group** HSR002665

### 2.2. Label Elements



**Signal Word**

DANGER

### Hazard statements

H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction

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H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335 - May cause respiratory irritation  
H351 - Suspected of causing cancer  
H373 - May cause damage to organs through prolonged or repeated exposure

## Precautionary Statements - Prevention

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required  
P271 - Use only outdoors or in a well-ventilated area  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P285 - In case of inadequate ventilation wear respiratory protection  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray

## 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  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

## Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P362 - Take off contaminated clothing and wash before reuse  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

## 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

## Precautionary Statements - Storage

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

## 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

Chemical Name	CAS No.	Weight-%
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	80-100

### 3.2. Mixtures

Not applicable

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

#### General Advice

If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

#### Inhalation

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician. Artificial respiration and/or oxygen may be necessary. Oxygen or artificial

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respiration if needed. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.

<b>Skin Contact</b>	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the First Aider</b>	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** May cause sensitization of susceptible persons. 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 Chemical** In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 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** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### 6.2. Environmental Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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## 6.3. Methods and Material for Containment and Cleaning up

<b>Methods for Containment</b>	Keep from any possible contact with water. Reacts with water.
<b>Methods for Cleaning up</b>	Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 6.4. Reference to other sections

<b>Reference to Other Sections</b>	Section 7: HANDLING AND STORAGE Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Section 13: DISPOSAL CONSIDERATIONS
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## **Section 7: HANDLING AND STORAGE**

### 7.1. Precautions for Safe Handling

<b>Advice on Safe Handling</b>	Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use with local exhaust ventilation.
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### 7.2. Conditions for Safe Storage, including any Incompatibilities

<b>General Hygiene Considerations</b>	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.
<b>Storage Conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.
<b>Incompatible Materials</b>	Water Strong acids and bases Strong oxidizing agents Amines Ammonia Alcohols

### 7.3. Specific End Use(s)

<b>Other Information</b>	No information available.
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### 7.4. References to Other Sections

<b>Reference to Other Sections</b>	Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.
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## **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

<b>Derived No Effect Level (DNEL)</b>	No information available
<b>Predicted No Effect Concentration (PNEC)</b>	No information available
<b>Other Information</b>	No information available

### 8.2. Exposure Controls

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**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

## PPE - Personal Protection Equipment

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
<b>Hand Protection</b>	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.
<b>Respiratory Protection</b>	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.
<b>General Hygiene Considerations</b>	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

<b>Appearance</b>	Low viscosity Liquid
<b>Color</b>	Brown
<b>Odor</b>	Musty
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting Point/Freezing Point</b>	No information available °C	
<b>Boiling Point</b>	> 200 °C / 392 °F	Decomposes
<b>Flash Point</b>	> 200 °C / > 392 °F	
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	Not applicable for liquids
<b>Flammability Limit in Air</b>		Not applicable
<b>Upper Flammability Limit</b>	No information available	
<b>Lower Flammability Limit</b>	No information available	
<b>Vapor Pressure</b>	No information available	
<b>Vapor Density</b>	No information available	
<b>Relative Density</b>	No information available	
<b>Water Solubility</b>	Reacts violently with water	
<b>Solubility in Other Solvents</b>	No information available	
<b>Partition Coefficient</b>	No information available	
<b>Autoignition Temperature</b>	No information available	
<b>Decomposition Temperature</b>	No information available	
<b>Kinematic Viscosity</b>	No information available	
<b>Dynamic Viscosity</b>	No information available	
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

### 9.2. Other Information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	250.25
<b>Solvent Content (%)</b>	No information available
<b>Solid Content (%)</b>	No information available
<b>Density</b>	1.23 g/cm <sup>3</sup>
<b>Bulk Density</b>	No information available
<b>VOC</b>	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

**Reactivity** Reacts with water.

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## 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 Keep from any possible contact with water. Reacts violently with water.

## 10.5. Incompatible Materials

Incompatible Materials Water. Strong acids and bases. Strong oxidizing agents. Amines. Ammonia. Alcohols.

## 10.6. Hazardous Decomposition Products

Hazardous Decomposition Products Thermal decomposition can lead to release of toxic/corrosive gases and vapors. Isocyanates. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrogen cyanide.

## **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**

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9	LD 50 > 10000 mg/kg ( Rat )	LD 50 > 9400 mg/kg ( Rabbit )	=1.5 mg/m <sup>3</sup> ( 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 No information available.

Chemical Name	IARC	China	Japan
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Isocyanic acid, polymethylenepolyphenylene ester	Group 3	-	-
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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

None known.

#### Component Information

Data obtained on the component(s) include

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9	-	CL50 (96h) >1000 mg/L Fish (Danio rerio)	-

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 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.

### 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: TRANSPORTATION INFORMATION

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

## Section 15: REGULATORY INFORMATION

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## 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

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 01-Jun-2017

**Revision Note** Not applicable.

**Training Advice** No information available

#### **Disclaimer**

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**End of Safety Data Sheet**