



# SAFETY DATA SHEET

**PRIMER Q**  
Revision Number 1

Revision date 08-Jun-2020  
Supersedes Date: 08-Jun-2020

## 1. Identification

### 1.1. Product Identifier

**Product Name** PRIMER Q

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

**Recommended use** Primers, Sealers, and Undercoaters.  
**Uses advised against** Consumer use

### 1.3. Details of the supplier of the safety data sheet

#### **Responsible Party**

Bostik Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075

#### **Manufacturer**

Bostik GmbH  
An der Bundesstrasse 16  
33829 Borgholzhausen, Germany  
Tel: +49 (0) 5425 / 801 0  
Fax: +49 (0) 5425 / 801 140

E-mail msds@bostik.com

### 1.4. Emergency telephone number

Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

**Danger**

#### **Hazard statements**

Harmful if inhaled  
Causes skin irritation  
Causes serious eye irritation  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause an allergic skin reaction  
May cause respiratory irritation  
May cause damage to organs through prolonged or repeated exposure

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Appearance Liquid

Physical State Liquid

Odor Earthy Musty

## Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
In case of inadequate ventilation wear respiratory protection  
Contaminated work clothing should not be allowed out of the workplace  
Do not breathe dust/fume/gas/mist/vapors/spray

## Precautionary Statements - Response

Get medical advice/attention if you feel unwell  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

## Precautionary Statements - Storage

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

## Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

## Hazards not otherwise classified (HNOC)

Not applicable

## Unknown acute toxicity

75 % of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

No information available.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical name	CAS No	Weight-%
Benzene, 1,1'-methylenebis[isocyanato-	26447-40-5	30 - 60
isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	10 - 30
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1 - 1

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

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## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	If medical advice is needed, have product container or label at hand.
<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. Consult an ophthalmologist.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. May cause sensitization by inhalation. (Get medical attention immediately if symptoms occur).
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Avoid contact with skin, eyes or clothing.

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

<b>Symptoms</b>	May cause redness, itching, and pain. Irritating to eyes. Irritating to skin. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May cause respiratory tract irritation. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization in susceptible persons.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours. May cause sensitization of susceptible persons. May cause sensitization by inhalation and skin contact. Treat symptomatically.
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### 4.4. Reference to Other Sections

<b>Reference to other sections</b>	Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Section 11: TOXICOLOGY INFORMATION
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

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

**Unsuitable extinguishing media**  
Do not use straight streams.

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

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**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen cyanide.

## Explosion data

Sensitivity to mechanical impact None.  
Sensitivity to static discharge None.

## 5.3. Advice for firefighters

### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

### 6.2. Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Dike for later disposal and cover with wet sand or earth. Do NOT close container (evolution of carbon dioxide - CO<sub>2</sub>). Keep wet and put outdoors in a secured place for a few days. Then dispose to of according to local / national regulations (see Section 13).

**Methods for cleaning up** Use personal protective equipment as required. Allow product to cure/harden before disposal. Excess material should be mechanically scraped and disposed of in designated waste containers. Decontaminate floor with decontamination solution letting stand for at least 15 minutes. Clean contaminated surface thoroughly.

### 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** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Do not breathe vapor or mist. Use with local exhaust ventilation. Avoid contact with skin, eyes or clothing. After contact with skin, wash immediately with plenty of water and soap. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep in properly labeled containers. Keep container tightly closed in a dry and well-ventilated place. Protect from moisture. Product cures with moisture. Recommended storage temperature. 50 - 95 °F.

**Incompatible materials** Water.

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## 7.3. Specific end use(s)

### Specific Use(s)

Primers, Sealers, and Undercoaters.

### 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 Guidelines

Chemical name	ACGIH TLV	NIOSH	OSHA PEL	Mexico
Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5	No data available	-	Ceiling: 0.02 ppm Ceiling: 0.2 mg/m <sup>3</sup>	-

Chemical name	Argentina	Brazil	Chile	Venezuela
Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5	TWA: 0.005 ppm	-	TWA: 0.004 ppm TWA: 0.045 mg/m <sup>3</sup>	-

### 8.2. Exposure controls

#### Engineering controls

Showers  
Eyewash stations  
Ventilation systems. Ensure adequate ventilation, especially in confined areas.  
Vapors/aerosols must be exhausted directly at the point of origin.

#### Personal protective equipment [PPE]

##### Eye/face protection

Tight sealing safety goggles. Face protection shield.

##### Skin and body 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

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

##### General hygiene considerations

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

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**Appearance** Liquid  
**Color** Colorless to yellow  
**Odor** Earthy Musty  
**Odor threshold** 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 data available	
<b>Boiling point / boiling range</b>	No data available	
<b>Flash point</b>	> 200 °C / > 392 °F	CC (closed cup)
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	Not applicable for liquids	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No information available	
<b>Lower flammability or explosive limits</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	1.2	
<b>Water solubility</b>	Reacts with water	
<b>Solubility in Other Solvents</b>		
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Hyphen</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	
<b>9.2. Other information</b>		
<b>Softening Point</b>	No information available	
<b>Molecular weight</b>	No information available	
<b>Solvent content (%)</b>	No information available	
<b>Solid content (%)</b>	No information available	
<b>Liquid Density</b>	1.2 g/cm <sup>3</sup>	
<b>VOC Content (%)</b>		No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Product cures with moisture.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Exothermic reaction with. Amines. Alcohols. Acids. Contact with water (moisture) liberates carbon dioxide, which causes pressure increase in closed containers.

**Hazardous polymerization** Polymerization can occur.

### 10.4. Conditions to avoid

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Protect from moisture. Product cures with moisture.

## 10.5. Incompatible materials

Water.

## 10.6. Hazardous decomposition products

None under normal use conditions.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Product Information

<b>Inhalation</b>	Harmful by inhalation. May cause irritation of respiratory tract. May cause sensitization by inhalation.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	Irritating to skin. May cause sensitization by skin contact.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1,1'-methylenebis[isocyanato- 26447-40-5	>10000 mg/kg (Rattus)	> 10000 mg/kg (Oryctolagus cuniculus)	=490 mg/m <sup>3</sup> (Rattus) 4 h
Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9	LD50 > 10000 mg/kg (Rattus)	LD 50 > 9400 mg/kg (Oryctolagus cuniculus)	=1.5 mg/L (Rattus) 4 h
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	=2234 mg/kg (Rattus)	LD 50 (Rattus) > 2000 mg/kg OECD 402	>640 ppm (Rattus) 1 h

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

<b>Symptoms</b>	No information available.
<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Severe eye irritation.
<b>Irritation</b>	Irritating to eyes. Irritating to skin.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	May cause sensitization by inhalation and skin contact.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Developmental toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - single exposure</b>	May cause respiratory irritation.
<b>STOT - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Chronic Toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
<b>Target organ effects</b>	No information available.
<b>Aspiration hazard</b>	Not applicable.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Benzene, 1,1'-methylenebis[isocyanato- 26447-40-5	-	Group 3	-	-

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Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9	-	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

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzene, 1,1'-methylenebis(isocyanato) - 26447-40-5	EC50: =3230mg/L (96h, Skeletonema costatum)			EC50: >1000mg/L (24h, Daphnia magna)
Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9	ErC50 (72h) >1640 mg/L Algae (scenedesmus subspicatus) (OECD 201)	CL50 (96h) >1000 mg/L (Danio rerio)		EC50 (24H) >1000 mg/L Daphnia magna

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

There is no data for this product.

### 12.4. Mobility in soil

No information available.

### Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Disposal of Wastes

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

#### Contaminated packaging

Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated



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**IMDG** Not regulated

## Section 15: REGULATORY INFORMATION

### Global Inventories

TSCA	Listed
DSL	Listed

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### United States of America

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No
Benzene, 1,1'-methylenebis[isocyanato-	26447-40-5
isocyanic acid, polymethylenepolyphenylene ester	9016-87-9

### Europe

#### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation

#### SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 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** 08-Jun-2020

**Revision note** Not applicable.

**Training Advice** No information available

**Further information** No information available

#### 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

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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**