



# Safety Data Sheet

30022110  
SIMSON PREP M

Revision Date 25-Aug-2017  
Supersedes Date: 31-Aug-2015  
Version 2

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

### 1.1. Product Identifier

**Product Name** SIMSON PREP M  
**Product Code** 30022110  
**Product(s) Covered** See section 16 for more information  
**Gen Code / Barcode** 8713572602207

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

**Recommended use** Primers.  
**Uses Advised Against** No information available

### 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

E-mail [msds@bostik-us.com](mailto:msds@bostik-us.com)

#### Manufacturer

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

### 1.4. Emergency telephone number

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

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable Liquids	Category 2

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

#### Hazard statements

Causes skin irritation  
Causes serious eye damage

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Suspected of damaging fertility or the unborn child  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Highly flammable liquid and vapor



**Appearance** Liquid

**Physical State** Liquid

**Odor** No information available

## Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Do not breathe dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ ventilating/ lighting/ equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see first aid measures on this label)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

## Precautionary Statements - Storage

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

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## Hazards Not Otherwise Classified (HNOC)

Not applicable

## Unknown acute toxicity

12% of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

No information available.

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## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Alkanes, C7-10-iso-	90622-56-3	60 - 100
Butyl titanate	5593-70-4	5 - 10
Toluene	108-88-3	1 - 5
Ethyl silicate	78-10-4	1 - 5

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

## 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. Consult an ophthalmologist.
<b>Skin Contact</b>	Wash with plenty of soap and water. Take off contaminated clothing. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Potential for aspiration if swallowed. Observe risk of aspiration if vomiting occurs.
<b>Self-Protection of the First Aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 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** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Water spray or fog. Extinguishing powder. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

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## Unsuitable Extinguishing Media

Do not use straight streams.

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

### Specific Hazards Arising from the Chemical

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### Explosion Data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

May be ignited by friction, heat, sparks or flames.

## 5.3. Advice for firefighters

### Protective Equipment and Precautions for Firefighters

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 protection equipment. Remove all sources of ignition. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing.

#### OTHER INFORMATION

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

#### For emergency responders

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 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 far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### Methods for cleaning up

Use personal protective equipment as required. Dam up. Soak up with inert absorbent material. Use clean non-sparking tools to collect absorbed material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Take precautionary measures against static discharges.

### 6.4. Reference to other sections

#### Reference to other sections

See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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## Advice on safe handling

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Provide adequate ventilation as well as local exhaust at critical locations.

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

### Storage Conditions

Protect from moisture. Keep container tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

### Incompatible Materials

Strong acids and bases.

## 7.3. Specific end use(s)

### Specific Use(s)

Primers.

### OTHER INFORMATION

No information available.

## 7.4. References to Other Sections

### Reference to other sections

See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Toluene 108-88-3	TWA: 20 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>	TWA: 200 ppm Ceiling: 300 ppm	TWA: 50 ppm TWA: 188 mg/m <sup>3</sup>
Ethyl silicate 78-10-4	TWA: 10 ppm	IDLH: 700 ppm TWA: 10 ppm TWA: 85 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 850 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 85 mg/m <sup>3</sup> STEL: 30 ppm STEL: 255 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Toluene 108-88-3	TWA: 50 ppm Skin	TWA: 78 ppm TWA: 290 mg/m <sup>3</sup> Skin	TWA: 80 ppm TWA: 300 mg/m <sup>3</sup> Skin	Skin TWA: 20 ppm
Ethyl silicate 78-10-4	TWA: 10 ppm	-	-	TWA: 10 ppm

### 8.2. Exposure controls

#### Engineering Controls

Use with local exhaust ventilation. Showers  
Eyewash stations  
Ventilation systems.

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## Personal protective equipment [PPE]

<b>Eye/Face Protection</b>	Tight sealing safety goggles. Face protection shield.
<b>Skin and Body 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>	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.
<b>General Hygiene Considerations</b>	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 contact with eyes, skin and clothing. Wash hands thoroughly after handling. Take off 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

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Light yellow
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7	
Melting point / freezing point	No information available	
Boiling Point	> 116 °C / 240.8 °F	
Flash Point	approx 3 °C / 37.4 °F	ISO 13736
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	7	
Lower Flammability Limit	0.9	
Vapor Pressure	approx 50	hPa @ 25 °C
Vapor Density	No information available	
Relative Density	0.76 °C @ 20 °C	

<b>Water Solubility</b>	Insoluble in water
<b>Solubility in Other Solvents</b>	
<b>Partition Coefficient</b>	No information available
<b>Autoignition Temperature</b>	370 °C / 698 °F
<b>Decomposition Temperature</b>	No information available

<b>Kinematic Viscosity</b>	1 mm <sup>2</sup> /s	DIN 51562 @ 40°C
<b>Dynamic Viscosity</b>	= 0.76 mPa s	
<b>Explosive Properties</b>	May form explosive mixtures with air	
<b>Explosive Limits</b>		
Upper	7.0 Vol. %	
Lower	0.9 Vol. %	
<b>Oxidizing Properties</b>	No information available	

### 9.2. Other information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>Solvent content (%)</b>	No information available

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Solid content (%) No information available  
Density 0.76 g/cm<sup>3</sup>  
VOC No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of Hazardous Reactions

None under normal processing.

### 10.4. Conditions to avoid

Keep away from heat, sparks and flames. Protect from moisture.

### 10.5. Incompatible materials

Strong acids and bases.

### 10.6. Hazardous decomposition products

Carbon oxides.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Product Information

Inhalation	May cause drowsiness or dizziness. May cause irritation of respiratory tract.
Eye contact	Corrosive to eyes.
Skin Contact	Irritating to skin.
Ingestion	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alkanes, C7-10-iso-90622-56-3	> 10000 µL/kg ( Rat )	> 3160 µL/kg ( Rabbit )	> 4504 ppm ( Rat ) 4 h
Butyl titanate 5593-70-4	= 3122 mg/kg ( Rat )	>5000 mg/Kg (Rabbit)	-
Toluene 108-88-3	= 5580 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	> 20 mg/L ( Rat ) 4 h
Ethyl silicate 78-10-4	LD50 > 2500 mg/kg (Rat) OECD 423	= 6300 µL/kg ( Rabbit )	-

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

Symptoms	No information available.
Skin Corrosion/Irritation	Irritating to skin.
Serious Eye Damage/Eye Irritation	Risk of serious damage to eyes.

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<p><b>Irritation</b> <b>Corrosivity</b> <b>Sensitization</b> <b>Germ Cell Mutagenicity</b> <b>Reproductive Toxicity</b> <b>Developmental Toxicity</b> <b>Teratogenicity</b> <b>STOT - Single Exposure</b> <b>STOT - Repeated Exposure</b> <b>Chronic Toxicity</b></p> <p><b>Target Organ Effects</b> <b>Aspiration hazard</b></p> <p><b>Carcinogenicity</b></p>	<p>Irritating to skin. Risk of serious damage to eyes. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Possible risk of harm to the unborn child. No information available. No information available. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. Contains a known or suspected reproductive toxin. Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Blood, Central nervous system, Eyes, Kidney, Liver, Respiratory system, Skin. May be fatal if swallowed and enters airways. Risk of serious damage to the lungs (by aspiration). The table below indicates whether each agency has listed any ingredient as a carcinogen.</p>
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Chemical Name	ACGIH	IARC	NTP	OSHA
Toluene 108-88-3	-	Group 3	-	-

*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
Alkanes, C7-10-iso- 90622-56-3		18.4 mg/L (Oncorhynchus mykiss)		EL50 (48h)= 2.4 mg/L (Daphnia magna)
Butyl titanate 5593-70-4		1825 mg/l		1300 mg/l (Daphnia magna)
Toluene 108-88-3	EC50 72 h = 12.5 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 5.89 - 7.81 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static)	EC50 = 19.7 mg/L 30 min	EC50 48 h 5.46 - 9.83 mg/L (Daphnia magna Static) EC50 48 h = 11.5 mg/L (Daphnia magna )
Ethyl silicate 78-10-4	EC 50 (72h) > 100 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h)> 245 mg/L (Danio rerio) EU Method C.1		

### 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 Other adverse effects



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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: TRANSPORTATION INFORMATION

### DOT

**UN/ID No** UN1993  
**Proper Shipping Name** Flammable liquids, n.o.s. (Alkanes, C7-10-iso-, Butyl titanate)  
**Hazard Class** 3  
**Packing Group** II  
**Reportable Quantity (RQ)** (Toluene: RQ (kg)= 454.00)  
**Special Provisions** IB2, T7, TP1, TP8, TP28  
**Description** UN1993, Flammable liquids, n.o.s. (Alkanes, C7-10-iso-, Butyl titanate), 3, II  
**Emergency Response Guide Number** 128

### IATA

**UN/ID No** UN1993  
**Proper Shipping Name** Flammable liquid, n.o.s. (Alkanes, C7-10-iso-, Butyl titanate)  
**Hazard Class** 3  
**Packing Group** II  
**ERG Code** 3H  
**Special Provisions** A3  
**Description** UN1993, Flammable liquid, n.o.s. (Alkanes, C7-10-iso-, Butyl titanate), 3, II

### IMDG

**UN/ID No** UN1993  
**Proper Shipping Name** Flammable liquid, n.o.s. (Alkanes, C7-10-iso-), Marine Pollutant  
**Hazard Class** 3  
**Packing Group** II  
**EmS-No** F-E, S-E  
**Special Provisions** 274  
**Description** UN1993, Flammable liquid, n.o.s. (Alkanes, C7-10-iso-), 3, II, (3°C c.c.), Marine Pollutant

## 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.

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## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

### **WHMIS Hazard Class**

B2 - Flammable liquid

D2A - Very toxic materials



## 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.
Toluene	108-88-3

### **SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

## 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.

### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

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**

### **Product(s) Covered**

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30022111  
30022112  
30029240  
30800003  
30821341  
30821342  
30821345  
30821346  
30826498  
30834314

## 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

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision Date</b>	25-Aug-2017
<b>Revision Note</b>	Not applicable.
<b>Training Advice</b>	Provide adequate information, instruction, and training for operator
<b>Additional information</b>	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 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**