



Safety Data Sheet

30023511
BOSTIK SIMSON PREP G

Revision Date 22-Aug-2017
Supersedes Date: 16-Jan-2017
Version 2

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

1.1. Product Identifier

Product Name BOSTIK SIMSON PREP G
Product Code 30023511

Product(s) Covered See section 16 for more information
Gen Code / Barcode ; 8713572028342

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

Recommended use Activator. 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

Manufacturer

Bostik SA
Immeuble "Le Jade"
253 Avenue du President Wilson
93211 La Plaine Saint Denis
France
Tel: +33 (0)1 55 99 90 00
Fax: +33 (0)1 55 99 90 01

E-mail msds@bostik-us.com

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

Serious Eye Damage/Eye Irritation	Category 2A
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

2.2. Label Elements

EMERGENCY OVERVIEW

DANGER

Hazard statements

Causes serious eye irritation
May cause an allergic skin reaction
May cause drowsiness or dizziness
Highly flammable liquid and vapor

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Appearance Low Viscosity

Physical State Liquid

Odor Solvent

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
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 only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof electrical/ ventilating/ lighting/ equipment
Keep cool

Precautionary Statements - Response

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. If eye irritation persists: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use CO₂, dry chemical, or foam to extinguish.

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

40% 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

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3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Ethyl acetate	141-78-6	30 - 60
n-Butyl acetate	123-86-4	10 - 30
Benzene, 1,3-diisocyanatomethyl-, polymer with 1,6-diisocyanatohexane	63368-95-6	5 - 10
Carbon black	1333-86-4	5 - 10

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

General Advice	If medical advice is needed, have product container or label at hand.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician. May cause sensitization by skin contact.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Call a physician immediately.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Self-Protection of the First Aider	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.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically. May cause sensitization by skin contact.
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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
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Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media
Use CO₂, dry chemical, or foam.

Unsuitable Extinguishing Media
Use water spray or fog; do not use straight streams.

5.2. Special hazards arising from the substance or mixture

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Specific Hazards Arising from the Chemical

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Keep product and empty container away from heat and sources of ignition. May cause sensitization by skin contact.

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

Move containers from fire area if you can do it without risk. 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. Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

OTHER INFORMATION

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

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

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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. Dike far ahead of spill for later disposal. 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.

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

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. Take precautionary measures against static charges. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

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7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep only in the original container/package in a cool well-ventilated place. Keep from freezing. 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)

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 . As Carbon black (1333-86-4) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Ethyl acetate 141-78-6	TWA: 400 ppm	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m ³	TWA: 400 ppm TWA: 1400 mg/m ³	TWA: 400 ppm TWA: 1400 mg/m ³
n-Butyl acetate 123-86-4	STEL: 150 ppm TWA: 50 ppm	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³	TWA: 150 ppm TWA: 710 mg/m ³	TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Carbon black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³

Chemical Name	Argentina	Brazil	Chile	Venezuela
Ethyl acetate 141-78-6	TWA: 400 ppm	TWA: 310 ppm TWA: 1090 mg/m ³	TWA: 350 ppm TWA: 1260 mg/m ³	STEL: 15 ppm TWA: 400 ppm
n-Butyl acetate 123-86-4	TWA: 150 ppm STEL: 200 ppm	-	TWA: 131 ppm TWA: 624 mg/m ³	STEL: 200 ppm TWA: 150 ppm
Carbon black 1333-86-4	TWA: 3.5 mg/m ³	-	-	TWA: 3.5 mg/m ³

8.2. Exposure controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Personal protective equipment [PPE]
Eye/Face Protection Tight sealing safety goggles. Face protection shield.

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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. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing and wash 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
Appearance	Low Viscosity
Color	Black
Odor	Solvent
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling Point	> 50 °C / 122 °F	
Flash Point	-4 °C / 24.8 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	< 110	kPa @ 50 °C
Vapor Density	No information available	
Relative Density	0.98 °C @ 23 °C	

Water Solubility	Insoluble in water
Solubility in Other Solvents	
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available

Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	Not an explosive
Oxidizing Properties	No information available

9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	>= 22
Density	
VOC	75 %

Section 10: STABILITY AND REACTIVITY

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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.

10.5. Incompatible materials

Strong acids and bases.

10.6. Hazardous Decomposition Products

None known based on information supplied.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on Toxicological Effects

Product Information

Inhalation

Avoid breathing vapors or mists. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye contact

Contact with eyes may cause irritation.

Skin Contact

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion

No data available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl acetate 141-78-6	= 5620 mg/kg (Rat)	> 18000 mg/kg (Rabbit) > 20 mL/kg (Rabbit)	LC0 29.3 mg/l air
n-Butyl acetate 123-86-4	>10650 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Carbon black 1333-86-4	LD 50 > 8000 mg/kg (rat) OECD 401	> 3 g/kg (Rabbit)	-

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

Symptoms

No information available.

Skin Corrosion/Irritation

No information available.

Serious Eye Damage/Eye Irritation

No information available.

Irritation

May cause eye irritation. May cause irritation of respiratory tract.

Corrosivity

No information available.

Sensitization

May cause sensitization of susceptible persons.

Germ Cell Mutagenicity

No information available.

Reproductive Toxicity

No information available.

Developmental Toxicity

No information available.

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Teratogenicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Chronic Toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Target Organ Effects	Central nervous system, Eyes, Lymphatic System, Respiratory system, Skin.
Aspiration hazard	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen. As Carbon black (1333-86-4) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH	IARC	NTP	OSHA
Carbon black 1333-86-4	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Confirmed animal carcinogen with unknown relevance to humans

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethyl acetate 141-78-6	EC50 48 h = 3300 mg/L (Desmodesmus subspicatus)	LC50 96 h 220 - 250 mg/L (Pimephales promelas flow-through) LC50 96 h = 484 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h 352 - 500 mg/L (Oncorhynchus mykiss semi-static)	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	EC50 48 h = 560 mg/L (Daphnia magna Static)
n-Butyl acetate 123-86-4	EC50 72 h = 674.7 mg/L (Desmodesmus subspicatus)	LC50 96 h 17 - 19 mg/L (Pimephales promelas flow-through)	EC50 = 70.0 mg/L 5 min EC50 = 82.2 mg/L 15 min EC50 = 959 mg/L 18 h EC50 = 98.9 mg/L 30 min	EC50 48 h = 44 mg/L (Daphnia magna)
Carbon black 1333-86-4	>10000 mg/l (Desmodesmus subspicatus) OECD 202	>1000 mg/l (Brachydanio rerio) OCDE 203		EC50 24 h > 5600 mg/L (Daphnia magna)

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	UN1263
Proper Shipping Name	Paint related material
Hazard Class	3
Packing Group	II
Reportable Quantity (RQ)	(n-Butyl acetate: RQ (kg)= 2270.00, Ethyl acetate: RQ (kg)= 2270.00)
Special Provisions	149, B52, IB2, T4, TP1, TP8, TP28, 367
Description	UN1263, Paint related material, 3, II
Emergency Response Guide Number	128

IATA

UN/ID No	UN1263
Proper Shipping Name	Paint related material
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3, A72, A192
Description	UN1263, Paint related material, 3, II

IMDG

UN/ID No	UN1263
Proper Shipping Name	Paint related material
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-E
Special Provisions	163, 367
Description	UN1263, Paint related material, 3, II, (-4°C c.c.)

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

D2B - 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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	NO
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

30023511
30604491

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

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Revision Note	SDS sections updated: 1, 4, 6, 7, 9, 11, 15, 16.
Training Advice	Provide adequate information, instruction, and training for operator
Additional 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 publication. The information given is designed only as 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