

BOSCOSOL S PRIMER PART A
 Version 1

Revision Date 31-Jul-2017
Supersedes Date: 21-Nov-2017

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

1.1. Product Identifier

Product Name BOSCOSOL S PRIMER PART A
Pure substance/mixture Substance

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

Recommended use Additive. Two-component glue. Primers.
Uses Advised Against Consumer use, This article contains hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

1.3. Details of the supplier of the safety data sheet

Company Name
 Bostik New Zealand Limited
 19 Eastern Hutt Road Wingate,
 Lower Hutt, New Zealand
 Tel: 04-567 5119
 Fax: 04-567 5412

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

| | |
|-----------------------------------|--------------------|
| Serious Eye Damage/Eye Irritation | Category 2A (6.4A) |
| STOT - Single Exposure | Category 3 (†) |
| Flammable Liquids | Category 2 (3.1B) |

Classification in parenthesis is applicable for New Zealand Hazard Classification

ERMA Group HSR002662

2.2. Label Elements



Signal Word DANGER

Hazard statements

H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness
 H225 - Highly flammable liquid and vapor

Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling

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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/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P235 - Keep cool

Inhalation

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 if you feel unwell

Skin

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

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

Fire

In case of fire: Use CO2, 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

2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Chemical Name | CAS No. | Weight-% |
|---------------|----------|----------|
| Ethyl acetate | 141-78-6 | 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 medical advice is needed, have product container or label at hand. |
| Inhalation | Remove to fresh air. |
| Skin Contact | Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| Ingestion | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

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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.

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 Use CO₂, dry chemical, or foam. Move containers from fire area if you can do it without risk.

Unsuitable Extinguishing Media No information available.

5.2. Special hazards arising from the substance or mixture

Specific Hazards Arising from the Chemical Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3. Advice for firefighters

Special Protective Equipment for Fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

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). Protect from moisture.

Methods for cleaning up Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

6.4. Reference to other sections

Reference to other sections See Section 12: ECOLOGICAL INFORMATION

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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 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/ lighting/ equipment.

7.2. Conditions for safe storage, including any incompatibilities

General Hygiene Considerations Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

Storage Conditions Keep only in the original container/package in a cool well-ventilated place. Protect from moisture. Protect from direct contact with water or excessive moisture.

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 Limits

| Chemical Name | New Zealand | Australia | European Union |
|---------------------------|--|---|----------------|
| Ethyl acetate 141-78-6 | TWA: 200 ppm TWA: 720 mg/m ³ | 200 ppm TWA 720 mg/m ³ TWA 400 ppm STEL 1440 mg/m ³ STEL | - |

| Chemical Name | ACGIH TLV | NIOSH IDLH | OSHA PEL |
|---------------------------|--------------|---|---|
| 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 |

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

OTHER INFORMATION No information available

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

PPE - Personal Protection Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.

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| | |
|---------------------------------------|--|
| Hand 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 | 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. |
| General Hygiene Considerations | 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

| | |
|-----------------------|--------------------------|
| Appearance | Low Viscosity Liquid |
| Color | Clear, colorless |
| 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 | approx 75 °C / 167 °F | |
| Flash Point | approx -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 | 11.4 | |
| Lower Flammability Limit | 2.2 | |
| Vapor Pressure | No information available | |
| Vapor Density | No information available | |
| Relative Density | No information available | |
| Water Solubility | Negligible | |
| Solubility in Other Solvents | No information available | |
| Partition Coefficient | No information available | |
| Autoignition Temperature | 426 °C / 798.8 °F | |
| Decomposition Temperature | No information available | |
| Kinematic Viscosity | No information available | |
| Dynamic Viscosity | No information available | |
| Explosive Properties | No information available | |
| 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 (%) | 0 |
| Density | 0.9 g/cm ³ |
| Bulk Density | No information available |
| VOC | > 1000 g/L |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

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Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and flames. Protect from moisture.

10.5. Incompatible materials

Incompatible Materials Strong acids and bases.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

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
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % 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 |
|---------------------------|----------------------|---|-------------------|
| Ethyl acetate 141-78-6 | = 5620 mg/kg (Rat) | > 20 mL/kg (Rabbit) > 18000 mg/kg (Rabbit) | LC0 29.3 mg/l air |

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 Eyes, Respiratory system, Skin.
Aspiration hazard No information available.
Carcinogenicity No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

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Product Information

None known.

Component Information

Data obtained on the component(s) include

| Chemical Name | Algae/aquatic plants | Fish | 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 352 - 500 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h = 484 mg/L (Oncorhynchus mykiss flow-through) | EC50 48 h = 560 mg/L (Daphnia magna Static) |

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 Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORTATION INFORMATION

IMDG

UN/ID No UN1173
Proper Shipping Name Ethyl acetate
Hazard Class 3
Packing Group II
Marine Pollutant Np
EmS-No F-E, S-D
Limited Quantity (LQ) 1 L
Description UN1173, Ethyl acetate, 3, II, (-4°C c.c.)

IATA

UN/ID No UN1173
Proper Shipping Name Ethyl acetate
Hazard Class 3
Packing Group II
ERG Code 3L
Limited Quantity (LQ) 1 L

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Description UN1173, Ethyl acetate, 3, II

ADR

UN/ID No UN1173
Proper Shipping Name Ethyl acetate
Hazard Class 3
Hazard Labels 3
Packing Group II
Description UN1173, Ethyl acetate, 3, II, (D/E)
Limited Quantity (LQ) 1 L
Classification Code F1
Tunnel Restriction Code (D/E)

Section 15: REGULATORY INFORMATION

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 31-Jul-2017

Revision Note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

Disclaimer

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End of Safety Data Sheet