

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: PRIMER 150

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Primer

Details of Manufacturer or Importer:

Soudal Australia Pty Ltd
Unit 1, 29 Prince William Drive
Seven Hills NSW 2147

Phone Number: 02 8678 7449

Emergency telephone number: 1300 507 011

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Signal Word Danger

Hazard Statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P240 Ground/bond container and receiving equipment.
- P233 Keep container tightly closed.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see on this label).
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture: consisting of the following components.

Hazardous Components:		
108-88-3	Benzene, methyl- ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	>25%
71-36-3	1-Butanol ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%
1185-55-3	Silane, trimethoxymethyl- ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; ⚠ Acute Tox. 4, H332	1-5%
97-88-1	n-butyl methacrylate ⚠ Flam. Liq. 3, H226; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	0.1-1%
80-62-6	methyl methacrylate ⚠ Flam. Liq. 2, H225; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	0.1-1%

Additional information:

Note D: Certain substances, which are susceptible to spontaneous polymerisation or decomposition, are generally placed on the market in a stabilised form. This is the form that is listed in the database (under 'Name' or 'Synonyms'). However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the manufacturer or any person who places such a substance on the market should state on the label the name of the substance followed by the words 'non-stabilised'. Example: methacrylic acid

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(non-stabilised) (n-Butyl methacrylate CAS No. 97-88-1) (Methyl methacrylate CAS No. 80-62-6).

4 . FIRST AID MEASURES**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Exposure to high concentrations may cause feeling of weakness, CNS depression, headache, nausea, dizziness, narcosis, mental confusion, drunkenness, coordination disorders and disturbances of consciousness.

Skin Contact: May cause red skin and tingling / irritation of the skin.

Eye Contact: May cause irritation of the eye tissue.

Ingestion: May cause abdominal pain, nausea and risk of aspiration pneumonia and symptoms similar to those under inhalation.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, polyvalent foam, BC powder and carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is highly flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a closing container for disposal. Use only non-sparking tools. Clean contaminated surfaces with an excess of water.

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7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Take precautions against static discharge. Protect from heat, sparks, open flames and other sources of ignition. Keep away from oxidising agents. Maximum storage life is 1 year. Suitable material for packaging is tin.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

108-88-3 Benzene, methyl-

NES	STEL: 574 mg/m ³ , 150 ppm TWA: 191 mg/m ³ , 50 ppm Sk
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71-36-3 1-Butanol

NES	Peak limitation: 152 mg/m ³ , 50 ppm Sk
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80-62-6 methyl methacrylate

NES	STEL: 416 mg/m ³ , 100 ppm TWA: 208 mg/m ³ , 50 ppm
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Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Respiratory Protection:

Use a Safe Work Australia approved vapour respirator where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Form:	Liquid
Colour:	Colourless
Odour:	Solvent-like
pH-Value:	Not determined.
Initial Boiling Point/Boiling Range:	Undetermined.
Flash Point:	8 °C
Flammability:	Not applicable.
Auto-ignition Temperature:	Not determined
Explosion Limits:	
Lower:	1.2 Vol %
Upper:	7.0 Vol %
Vapour Pressure at 20 °C:	29 hPa
Relative Density at 20 °C:	0.9
Evaporation Rate:	Not determined.
Solubility in Water:	Insoluble
VOC:	86 %

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of carbon

11 . TOXICOLOGICAL INFORMATION**Toxicity:**

LD₅₀/LC₅₀ Values Relevant for Classification:		
108-88-3 Benzene, methyl-		
Oral	LD ₅₀	5000 mg/kg (rat)
Dermal	LD ₅₀	12124 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	5320 mg/l (mouse)
71-36-3 1-Butanol		
Oral	LD ₅₀	790 mg/kg (rat)
Dermal	LD ₅₀	3400 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	8000 mg/l (rat)
1185-55-3 Silane, trimethoxymethyl-		
Oral	LD ₅₀	12500 mg/kg (rat)
97-88-1 n-butyl methacrylate		
Oral	LD ₅₀	22600 mg/kg (rat)
Dermal	LD ₅₀	11300 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	4910 mg/l (rat)

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80-62-6 methyl methacrylate		
Oral	LD ₅₀	7872 mg/kg (rat)

Acute Health Effects

Inhalation:

Exposure to high concentrations may cause feeling of weakness, CNS depression, headache, nausea, dizziness, narcosis, mental confusion, drunkenness, coordination disorders and disturbances of consciousness.

Skin: May cause red skin and tingling/irritation of the skin.

Eye: May cause irritation of the eye tissue.

Ingestion:

May cause abdominal pain, nausea and risk of aspiration pneumonia and symptoms similar to those under inhalation.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Toluene and Methyl methacrylate are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Chronic Health Effects:

Prolonged exposure through inhalation may cause damage to the central nervous system, impaired memory and concentration, brain affection and change in the blood composition.

Repeated or prolonged skin exposure may cause dry skin and skin rash / inflammation.

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Aquatic toxicity:	
108-88-3 Benzene, methyl-	
EC ₅₀ /48 h	11.5/19.6 mg/l (daphnia)
EC ₅₀ /72 h	12.5 mg/l (selenastrum capricornutum)
LC ₅₀ /96 h	24 mg/l (fish)
71-36-3 1-Butanol	
EC ₅₀ /48 h	1983 mg/l (daphnia)
EC ₅₀ /72 h	8500 mg/l (algae)
LC ₅₀ /96 h	1730 mg/l (fish)

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97-88-1 n-butyl methacrylate	
EC ₅₀ /48 h	32 mg/l (daphnia)
EC ₅₀ /96 h	57 mg/l (selenastrum capricornutum)
LC ₅₀ /96 h	11 mg/l (fish)
80-62-6 methyl methacrylate	
EC ₅₀ /48 h	69 mg/l (daphnia)
EC ₅₀ /96 h	170 mg/l (selenastrum capricornutum)
LC ₅₀ /96 h	130 mg/l (fish)

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other adverse effects: Not dangerous for the ozone layer.

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number	UN1993
ADG, IMDG, IATA	
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
ADG, IMDG, IATA	
Dangerous Goods Class	
ADG Class:	3 Flammable liquids.
Packing Group:	
ADG, IMDG, IATA	II
Marine pollutant:	No
EMS Number:	F-E, <u>S</u> -E
Hazchem Code:	.3YE
Special Provisions:	274
Limited Quantities:	1L
Packagings & IBCs - Packing Instruction:	P001, IBC02
Packagings & IBCs - Special Packing Provisions:	Not applicable
Portable Tanks & Bulk Containers - Instructions:	T7
Portable Tanks & Bulk Containers - Special Provisions:	TP1, TP8, TP28

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
108-88-3	Benzene, methyl-

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SAFETY DATA SHEET

According to Safe Work Australia

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71-36-3	1-Butanol
1185-55-3	Silane, trimethoxymethyl-
97-88-1	n-butyl methacrylate
80-62-6	methyl methacrylate

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Poisons Schedule: 6

16 . OTHER INFORMATION

Creation Date: 12.02.2015**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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