

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: SOUDAL PRIMER 100

Other Means of Identification: Mixture

Product Code: 44711

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. 3 H226 Flammable liquid and vapour.



health hazard

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



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



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

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Signal Word Danger

Hazard Statements

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

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

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

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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.
- P273 Avoid release to the environment.
- P243 Take precautionary measures against static discharge.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P321 Specific treatment (see on this label).
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
- P391 Collect spillage.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- 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 of substances listed below with nonhazardous additions.

Hazardous Components:		
108-67-8	mesitylene ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335	2.5-<25%
100-41-4	Benzene, ethyl- ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 4, H332	10-<25%
140921-24-0	1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate ⚠ Skin Sens. 1, H317	10-<25%
95-63-6	Benzene, 1,2,4-trimethyl- ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-<25%
64742-95-6	Solvent naphtha (petroleum), light arom. ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; STOT SE 3, H335; H227; Acute Tox. 5, H313; H401	10-<25%
1330-20-7	Benzene, dimethyl- ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10-<25%
540-84-1	2,2,4-trimethylpentane ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	1-≤2.5%

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4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate ⚠ Acute Tox. 3, H331; ⚠ Resp. Sens. 1, H334; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2A, H319; ⚠ Skin Sens. 1, H317; STOT SE 3, H335	0.3-<0.5%
53880-05-0	Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer ⚠ Skin Sens. 1, H317; STOT SE 3, H335	>20%
98-82-8	cumene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335	1-<10%

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, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

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.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Polyvalent foam, BC powder and carbon dioxide.

Specific Hazards Arising from the Chemical:

Containers close to fire should be removed if safe to do so. Use water to keep fire exposed containers cool. Vapors are heavier than air and may travel long distance to a source of ignition and flash back. Hazardous combustion products include oxides of carbon and nitrous vapours.

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 self-contained breathing apparatus and full protective clothing. 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 suitable container for disposal. Use only non-sparking tools. Clean contaminated surfaces with an excess of water.

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. Food, beverages and tobacco products should not be stored or consumed where this material is in use.

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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. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acids. Maximum storage time is one year.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	
100-41-4 Benzene, ethyl-	
NES	STEL: 543 mg/m ³ , 125 ppm TWA: 434 mg/m ³ , 100 ppm
1330-20-7 Benzene, dimethyl-	
NES	STEL: 655 mg/m ³ , 150 ppm TWA: 350 mg/m ³ , 80 ppm
4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	
NES	STEL: 0.07 mg/m ³ TWA: 0.02 mg/m ³ Sen, as -NCO
98-82-8 cumene	
NES	STEL: 375 mg/m ³ , 75 ppm TWA: 125 mg/m ³ , 25 ppm Sk
108-67-8 mesitylene	
TWA	100 mg/m ³ , 20 ppm (EU)
95-63-6 Benzene, 1,2,4-trimethyl-	
TWA	100 mg/m ³ , 20 ppm (EU)

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 full face supplied air respirator if high airborne concentrations of the material are present. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Protective gloves (teflon, viton, nitrile rubber) and protective clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

Form:	Liquid
Colour:	Variable in colour, depending on the composition.
Odour:	Solvent like odour
Odour Threshold:	Not determined.

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pH-Value:	Not determined.
Melting point/Melting range:	Not determined.
Initial Boiling Point/Boiling Range:	Not determined.
Flash Point:	47 °C
Flammability:	Flammable
Auto-ignition Temperature:	Not determined.
Decomposition Temperature:	Not determined.
Explosion Limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour Pressure:	Not determined.
Density:	Not determined.
Relative Density at 20 °C:	1 g/cm ³
Vapour Density at 20 °C:	>1 g/cm ³
Evaporation Rate:	Not determined.
VOC:	78 %

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:** No further relevant information available.**Hazardous Decomposition Products:** Oxides of carbon and nitrous vapours.**11 . TOXICOLOGICAL INFORMATION****Toxicity:**

LD₅₀/LC₅₀ Values Relevant for Classification:		
100-41-4 Benzene, ethyl-		
Oral	LD ₅₀	3500 mg/kg (rat)
Dermal	LD ₅₀	17800 mg/kg (rabbit)
95-63-6 Benzene, 1,2,4-trimethyl-		
Oral	LD ₅₀	5000 mg/kg (rat)
64742-95-6 Solvent naphtha (petroleum), light arom.		
Oral	LD ₅₀	>6800 mg/kg (rat)
Dermal	LD ₅₀	>3400 mg/kg (rab)
Inhalation	LC ₅₀ /4 h	>10.2 mg/l (rat)
1330-20-7 Benzene, dimethyl-		
Oral	LD ₅₀	4300 mg/kg (rat)
Dermal	LD ₅₀	2000 mg/kg (rabbit)
53880-05-0 Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer		
Oral	LD50	> 5000 mg/kg (rat)
Inhalation	LC50	> 5.01 mg/L (rat)
4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate		
Oral	LD50	> 2500 mg/kg (rat)

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108-67-8 mesitylene		
Inhalation	LC50	24 mg/L / 4 hour (rat)
98-82-8 cumene		
Oral	LD ₅₀	1400 mg/kg (rat)
Dermal	LD ₅₀	12300 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	24.7 mg/l (mouse)
540-84-1 2,2,4-trimethylpentane		
Oral	LD50	3310 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Inhalation	LC50	> 14.5 mg/L / 4 hour (rat)

Acute Health Effects

Inhalation:

May cause irritation of the nasal mucous membranes and the respiratory tract. Exposure to high concentrations may cause narcosis.

Skin: May cause slight skin irritation.

Eye: May cause slight eye irritation.

Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Sensitization possible through skin contact.

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

Carcinogenicity:

Xylenes is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Ethylbenzene and cumene are classified by IARC as Group 2B - Possibly carcinogenic to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

May cause respiratory irritation.

May cause drowsiness and dizziness.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

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

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

Chronic Health Effects: Repeated or prolonged contact may cause skin rash and inflammation.

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic toxicity:

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

53880-05-0 Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer		
EC50 / 48 h	83.7 mg/L	(daphnia)
108-67-8 mesitylene		
LC50 / 96 h	13 mg/L	(fish)

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95-63-6 Benzene, 1,2,4-trimethyl-	
EC50 / 48 h	3.6 mg/L (daphnia)
LC50 / 96 h	7.72 mg/L (flathead minnows)
98-82-8 cumene	
LC50 / 96 h	2.7 mg/L (fish)
1330-20-7 Benzene, dimethyl-	
EC50 / 48 h	7.4 mg/L (daphnia)
LC50 / 96 h	3.77 mg/L (fish)
100-41-4 Benzene, ethyl-	
EC50 / 48 h	75 mg/L (daphnia)
LC50 / 96 h	4.2 mg/L (fish)

Persistence and Degradability: No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**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	1263
Proper Shipping Name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Dangerous Goods Class	3
Packing Group: ADG, IMDG, IATA	III
Marine pollutant:	Yes Symbol (fish and tree)
Hazchem Code:	.3Y
Special Provisions:	163, 223
Limited Quantities:	5L
Packagings & IBCs - Packing Instruction:	P001, IBC03, LP01
Packagings & IBCs - Special Packing Provisions:	PP1
Portable Tanks & Bulk Containers - Instructions:	T2
Portable Tanks & Bulk Containers - Special Provisions:	TP1, TP29

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SAFETY DATA SHEET

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15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

53880-05-0	Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer
108-67-8	mesitylene
100-41-4	Benzene, ethyl-
95-63-6	Benzene, 1,2,4-trimethyl-
64742-95-6	Solvent naphtha (petroleum), light arom.
540-84-1	2,2,4-trimethylpentane
4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

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

Poisons Schedule: 5

16 . OTHER INFORMATION

Creation Date: 10.02.2014**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)

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)

Data compared to the previous version altered. Section 1.**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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