

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: SOUDAFLEX 40 FC

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Construction: sealant

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.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Signal Word Danger

Hazard Statements

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements

P284 Wear respiratory protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.


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:

100-41-4	Benzene, ethyl-	1-<20%
	 Flam. Liq. 2, H225;  Acute Tox. 4, H332	
26447-40-5	methylenediphenyl diisocyanate	0.1-<1%
	 Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373;  Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	

Non Hazardous Components:

90989-38-1	Aromatic hydrocarbons, C8	1-<10%
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Additional information:

Note H: The classification and label shown for this substance applies to the dangerous property(ies) indicated by the Risk Phrase(s) in combination with the category(ies) of danger shown. The manufacturers, distributors and importers of this substance shall be obliged to carry out an investigation to make themselves aware of the relevant and accessible data which exists for all other properties to classify and label the substance. The final label shall follow the requirements of section 7 of Annex VI of directive 67/548/EEC. (Aromatic hydrocarbons, (Contd. on page 2)

Printing date 12.02.2015

Revision: 12.02.2015

Product Name: SOUDAFLEX 40 FC

(Contd. of page 1)

C8. CAS No. 90989-38-1)

Note J: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS no. 200-753-7). This note applies only to certain complex coal- and oil- derived substances in Annex I. (Aromatic hydrocarbons, C8. CAS No. 90989-38-1)

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. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause headache, nausea and dizziness.

Skin Contact: May cause slight irritation.

Eye Contact: May cause slight irritation.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and sulphur and hydrogen chloride.

Non combustible liquid.

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. Protect from naked flames.

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.

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

(Contd. on page 3)

Printing date 12.02.2015

Revision: 12.02.2015

Product Name: SOUDAFLEX 40 FC

(Contd. of page 2)

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 heat, naked flames and direct sunlight. Gas/vapour heavier than air at 20 °C. Maximum storage time is 1 year. Suitable packaging material is aluminium.

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
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26447-40-5 methylenediphenyl diisocyanate

NES	STEL: 0.07 mg/m ³ TWA: 0.02 mg/m ³ Sen, as -NCO
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Engineering Controls:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the limits. Measure the concentration in the air regularly.

Respiratory Protection:

If high airborne concentrations of the isocyanates are present and minimising exposure by ventilation is not possible, air-line respirators complying with Australian Standard AS 1716 must be used.

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.

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

Form:	Viscous liquid
Colour:	According to product specification
Odour:	Solvent-like
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability:	Non combustible.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable

(Contd. on page 4)

Printing date 12.02.2015

Revision: 12.02.2015

Product Name: SOUDAFLEX 40 FC

(Contd. of page 3)

Density: 1300 kg/m³
Relative Density: 1.3
Vapour Density at 20 °C: >1 g/cm³
Solubility in Water: Insoluble
Solubility in Solvents: Soluble in organic solvents.
VOC: 6 %

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, naked flames and direct sunlight.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: Oxides of carbon, sulphur and hydrogen chloride.

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)

26447-40-5 methylenediphenyl diisocyanate

Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalation	LC50	490 mg/L (rat)

90989-38-1 Aromatic hydrocarbons, C8

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	>4200 mg/kg (rabbit)
Inhalation	LC50	29 mg/L / 4 hr (rat)

Acute Health Effects

Inhalation: May cause headache, nausea and dizziness.

Skin: May cause slight irritation.

Eye: May cause slight irritation.

Ingestion: Ingestion of large quantities may cause effects similar to those of inhalation.

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:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

Carcinogenicity: Ethylbenzene is 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:

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

(Contd. on page 5)

Printing date 12.02.2015

Revision: 12.02.2015

Product Name: SOUDAFLEX 40 FC

(Contd. of page 4)

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

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

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Continuous or repeated exposure by inhalation may cause headache, nausea, dizziness and narcosis.

Existing Conditions Aggravated by Exposure: No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:** No adverse ecological effects are expected.**Aquatic toxicity:** This product has no known eco-toxicological effects.**Persistence and Degradability:** Contains readily biodegradable component(s).**Bioaccumulative Potential:** Does not contain bioaccumulative component(s).**Mobility in Soil:** Contains component(s) with potential for mobility in the soil.**Other adverse effects:**

Global warming potential (GWP)

None of the known components is included in the list of substances which may contribute to the greenhouse effect.

Ozone-depleting potential (ODP)

Not classified as 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** Not applicable**Proper Shipping Name** Not applicable**Dangerous Goods Class** Not applicable**Packing Group:** Not applicable**Marine pollutant:** No**15 . REGULATORY INFORMATION****Australian Inventory of Chemical Substances:**

100-41-4	Benzene, ethyl-
26447-40-5	methylenediphenyl diisocyanate
90989-38-1	Aromatic hydrocarbons, C8

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

No information available

16 . OTHER INFORMATION**Creation Date:** 12.02.2015

(Contd. on page 6)



SAFETY DATA SHEET

According to Safe Work Australia

Page 6/6

Printing date 12.02.2015

Revision: 12.02.2015

Product Name: SOUDAFLEX 40 FC

(Contd. of page 5)

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Abbreviations and acronyms:

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 percent

LD₅₀: 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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