

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: MULTIBOND MS35 SEAL & STRETCH

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Sealing compound

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:

Not 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)

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Signal Word Void

Hazard Statements Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

52829-07-9	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyloxy) ester	0.1-<2.5%
	⚠ Acute Tox. 3, H331; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	

4 . FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. 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:

Rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Polyvalent foam, ABC powder or carbon dioxide.

(Contd. on page 2)

Printing date 30.01.2015

Revision: 30.01.2015

Product Name: MULTIBOND MS35 SEAL & STRETCH

(Contd. of page 1)

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and small amounts of nitrous vapours, hydrogen chloride and sulphur oxides.

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 full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

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:

Scoop solid spill into closing containers. Clean contaminated surfaces with a soap solution.

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. 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. Store at room temperature. Max. storage time is 1 year. Suitable packaging material is synthetic material.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:

Use a Safe Work Australia approved vapour respirator under conditions 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.

(Contd. on page 3)

Printing date 30.01.2015

Revision: 30.01.2015

Product Name: MULTIBOND MS35 SEAL & STRETCH

(Contd. of page 2)

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:	Paste
Colour:	Variable in colour, depending on the composition
Odour:	Characteristic
Odour Threshold:	Not determined.
pH-Value:	Not applicable.
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Not easily combustible (literature reports)
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density at 20 °C:	1600 kg/m ³
Relative Density:	1.6 g/cm ³
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Solubility in Solvents:	Soluble in organic solvents.
VOC:	2 %
Solids content:	2.4 %

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: Direct sunlight, heat, sparks, open flames and other sources of ignition.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products:

Oxides of carbon and small amounts of nitrous vapours, hydrogen chloride and sulphur oxides.

11 . TOXICOLOGICAL INFORMATION**Toxicity:****LD₅₀/LC₅₀ Values Relevant for Classification:****52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester**

Oral	LD ₅₀	3700 mg/kg (rat)
Dermal	LD ₅₀	>3170 mg/kg (rat)
Inhalation	LC ₅₀ /4 h	0.5 mg/m ³ (rat)

Acute Health Effects

Inhalation: Not expected to be a hazard.

(Contd. on page 4)

Printing date 30.01.2015

Revision: 30.01.2015

Product Name: MULTIBOND MS35 SEAL & STRETCH

(Contd. of page 3)

Skin: Not expected to be a hazard.**Eye:** Not expected to be a hazard.**Ingestion:** Not expected to be a hazard.**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:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** Contains traces of a (possible) teratogenic substance**Reproductive Toxicity:** Contains traces of a (possible) fertility impairing substance**Specific Target Organ Toxicity (STOT) - Single Exposure:**

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

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:** No information available**Existing Conditions Aggravated by Exposure:** No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:** No data available on ecotoxicity.**Aquatic toxicity:****52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester**

EC ₅₀ /21 days	1.31 mg/l (daphnia) (OECD 211)
EC ₅₀ /24 h	17 mg/l (daphnia) (OECD 202)
EC ₅₀ /72 h	1.1 mg/l (pseudokirchnerie lla subcapitata) (OECD 201)
IC ₅₀ /3 h	>100 mg/l (activated sludge inhibition) (OECD 209)
LC ₅₀ /48 h	8.58 mg/l (daphnia) (OECD 202)
LC ₅₀ /96 h	4.4 mg/l (brachydanio rerio)
	4.4 mg/l (lepomis macrochirus) (OECD 203)
	5.29 mg/l (oryzias latipes) (OECD 203)

Persistence and Degradability: Contains non readily biodegradable component.**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**Other adverse effects:**

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.

(Contd. on page 5)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 30.01.2015

Revision: 30.01.2015

Product Name: MULTIBOND MS35 SEAL & STRETCH

(Contd. of page 4)

14 . TRANSPORT INFORMATION

UN Number Not regulated
Proper Shipping Name Not regulated
Dangerous Goods Class Not regulated
Packing Group: Not regulated
Marine pollutant: No

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

52829-07-9 | Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

16 . OTHER INFORMATION

Creation Date: 11.12.2013**Last Revision of MSDS:** 30.01.2015**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)
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)

Data compared to the previous version altered. Sections 1 and 2.

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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