

Omethane Polyurethane 343 – Part A

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Omethane Polyurethane 343-Part A
Manufacturing Product Code:	Z48343
Recommended Uses:	For industrial use
Supplier:	Omega International Coatings P/L
Street Address	111, Kurrajong Ave, Mount Druitt, NSW, 2770
Telephone Number:	(02) 9832 0000
Fax:	(02) 9677 0566
Emergency phone:	Poison Information Center: 13 11 26

SECTION 2- HAZARDS IDENTIFICATION

Health Hazard Classification

This product is classified as hazardous under SafeWork Australia criteria.

Hazard Category

F: Flammable; Xn: Harmful; Xi: Irritant

Risk Phrases

R10: Flammable

R20/21/22: Harmful by inhalation and in contact with skin and if swallow.

R36/37/38: Irritating to eyes, respiratory system and skin.

R51/53: Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

R65/66: Harmful. May cause lung damage if swallowed. Repeated exposure causes skin dryness or cracking

R67: Vapours will cause drowsiness and dizziness.

Safety Phrases

S2: Keep out of the reach of children.

S7/9: Keep containers tightly closed when not in use and also in a well-ventilated area.

S15/16: Keep away from heat and sources of ignition.

S20/21: When using, do not eat, drink or smoke.

S23.5: Do not breathe vapours and spray mists.

S24/25: Avoid contact with eyes and skin.

S27: Take off immediately all contaminated clothing.

S28.1: In contact with the skin, wash immediately soap and plenty of water.

S33: Take precautionary measures against static electricity.

s36/37/38/39: The wearing of an Organic Vapour Respirator, Safety Glasses fitted with side – shields, Viton or PVC gloves, enclosed footwear, high temperature and anti – static clothing.

S45: In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.

S62: If swallowed, do not induce vomiting; seek medical advice immediately. Show the label where possible.

SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%w/w)
Butyl acetate	123-86-4	10-30 %
Xylene	1330-20-7	10-30 %
PGMA	108-65-6	<10%
Toluene	108-88-3	<10 %
Ingredients determined to be non-hazardous Or below the hazardous threshold		TO 100%

SECTION4- FIRST AID MEASURES

Ingestion

If swallow, and only if the person is conscious, give clean water to drink. If any symptoms occur, DO NOT induce vomiting; seek URGENT medical attention if frothing from the mouth occurs.

Eye contact

If splashed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.

Skin contact

If skin contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.

Inhalation

If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside. If breathing is difficult, give oxygen. Get medical attention.

First aid facilities

Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.

Medical attention

Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Foam, Dry Powder, CO₂, Water Fog. Do not use water except as fog to cool nearby containers. Do not use water in a jet.

Hazards arising from combustion of product

Oxides of Carbon.

Special protective equipment and precautions for fire fighters

Wear breathing apparatus when fighting fire.

Hazchem Code: 3[Y]E

SECTION 6- ACCIDENTAL RELEASE MEASURES**Minor spill**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Major spill

Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

SECTION 7- HANDLING AND STORAGE**Precaution for safe handling**

This product is flammable. Avoid sources of heat, naked flames and sparks. Avoid contact with skin, eyes, and clothing. Use in well-ventilated area. Use flame proof equipment. No smoking. Earth all containers to reduce the possibility of sparks from static electricity.

Conditions for safe storage

Store in a cool, well-ventilated area and place away from heat, sunlight, naked flames and sparks. Store away from oxidizing agents, alkaline materials and strong acids. Keep container closed at all times. Keep away from food, and drink and clothing.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Entity	Cas No	Weight%	TWA ¹ (ppm)	STEL ² (ppm)
Butyl acetate	123-86-4	10-30 %	150	N/A
Xylene	1330-20-7	10-30%	100	150

¹ Time weighted average concentration

² Short-term exposure limit

Engineering controls

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

Personal protective equipment

Wear chemical safety glasses/goggles or face shield. Wear half face respirator, with organic vapor cartridge. Wear PVC or Nitrile chemical handling gloves.

SECTION9- PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Clear/coloured Liquid
Odour	-	Solvent Odour
Vapor Pressue @ 25°C	kPa	1.93
Boiling Point	°C	135
Flash Point	°C	32
Density @ 25°C	g/ml	1.00
Flammability Limits	%(v/v)	N/A
Volatile content	%(w/w)	< 50

SECTION 10- STABILITY AND REACTIVITY**Chemical stability**

Stable at room temperature and pressure.

Conditions to avoid

Source of heat and ignition, open flames.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Carbon oxides and other organic complexes on incomplete burning or oxidation.

Hazardous reactions

Oxidizing agents, mineral acids, halogenated organic compounds and peroxides.

SECTION 11- TOXICOLOGICAL INFORMATION**Acute Toxicity**

Acute Oral LD50 (rats): 3.5 to 8.6 g/kg Acute inhalation LC50: 6,700 ppm (rat; 4 hours) Eye irritation (human): 200 ppm Acute dermal LD50 (rabbits): > 5 ml/kg In humans, the inhalation of xylene for short periods of time may cause decreased respiratory rate, altered liver and kidney function, hearing loss, and central nervous system depression. Animals exposed to high concentrations of xylene exhibited impaired eye function.

Other Toxic Effects on Humans:

Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator).

Toxicology information

No LD data available for this product.

SECTION 12- ECOLOGICAL INFORMATION

Not producing short term degradation products. Toxic to aquatic organisms, cause long term adverse effects in the aquatic environment.

SECTION 13- DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Product is normally suitable for incineration by an approved agent.

SECTION 14- TRANSPORT INFORMATION

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

UN No.	1263
Proper Shipping Name	Paint
DG Class	3
Subsidiary Risk	Not Applicable
Packing Group	II
Hazchem Code	3[Y] E

SECTION 15-REGULATORY INFORMATION

HMIS Code: 230H

SECTION 16- OTHER INFORMATION

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Contact Apco Coatings
Person/Point Technical Manager
Ph 02 98 32 0000 Mob 0422237710

Other Information Principal toxic properties of this product are due to the solvent composition and vapour inhalation hazards.
Abbreviations: N/A - Not Applicable N/AV - Not Available

Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS Number: Chemical Abstracts Number