

Omepoxy HB Epoxy Floor Coating 460 -Part A

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Omepoxy HB Epoxy Floor Coating 460 - Part A
Manufacturing Product Code:	Z48460
Recommended Uses:	For floor coatings
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: Harmful by inhalation and in contact with skin.

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

R43: May cause sensitization by skin contact.

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

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking

R67: Vapors may cause drowsiness and dizziness

Safety Phrases

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37: Wear suitable gloves.

S57: Use appropriate containment to avoid environmental contamination.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

Date of revision: 15th Mar 2014

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SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%w/w)
Epoxy Polymer	N/A	30-60%
White Spirit	8052-41-3	<1%
Methyl isobutyl ketone	108-10-1	<10%
n-Butyl Acetate	123-86-4	<10 %
Xylene	1330-20-7	30-60 %
Ingredients determined to be non-hazardous Or below the hazardous threshold		TO 100%

SECTION4- FIRST AID MEASURES**Ingestion**

If swallowed, do not induce vomiting. Give 250 ml water to rinse out mouth and drink. Seek immediate medical attention.

Eye contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Use lukewarm water if possible. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Then remove contact lenses, if easily removable, and continue eye irrigation for not less than 15 minutes. Seeking medical attention.

Skin contact

Immediately remove contaminated clothing and shoes. Flush thoroughly with soap and water. Use lukewarm water if possible. Seek medical attention in event of persisting skin irritations.

Inhalation

Remove victim from exposure to fresh air. Keep at rest and seek medical attention immediately. If breathing is difficult, administer oxygen or artificial respiration. Seek immediate medical attention.

First aid facilities

Provide eye baths and safety showers.

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. Do not breathe vapors, mists, or dusts. 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 in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. 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)
Methyl isobutyl ketone	108-10-1	<10%	20	50
n-Butyl Acetate	123-86-4	<10 %	150	200
Xylene	1330-20-7	30-60 %	100	150
Epoxy Polymer	N/A	30-60%	N/A	N/A

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¹ Time weighted average concentration

² Short-term exposure limit

Engineering controls

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TWA. Ventilation equipment should be explosion proof.

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	0.01
Boiling Point	°C	138
Flash Point	°C	27
Density @ 25°C	g/ml	1.0-1.2 (depending on colour)
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 effects

Ingestion

Main hazard of ingestion is aspiration of swallowed liquid into lungs, causing chemical pneumonitis.

Eye Contact

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Irritating, causing redness and burning sensation.

Skin Contact

Irritating, causing redness and burning sensation.

Inhalation

Harmful by inhalation. The vapour is irritating to the upper respiratory tract. Cause nausea, dizziness and narcosis. Extreme exposure will result in unconsciousness, and possibly death.

Chronic effects

Prolonged and repeated contact with the skin may irritate, and cause dermatitis. Prolonged overexposure to the solvents (inhalation and skin contact) may cause effects to the central nervous system, liver, urinary, blood forming, cardiovascular and reproductive systems.

Toxicology information

No LD data available for this product.

SECTION 12- ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may 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	III
Hazchem Code	3[Y] E

SECTION 15-REGULATORY INFORMATION

HMIS Code: 230H

SECTION 16- OTHER INFORMATION

Contact Apco Coatings
Person/Point Technical Manager

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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