

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture
 Product name : DIAMOND COAT 100 CLEAR PART - B
 Product code : (5039)

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Supplier's details

Endura Paint PTY LTD
 40 Port Kembla Drive
 6163 Bibra Lake - Australia
 T (08) 9418 2999
www.phoenixpaints.com.au

1.5. Emergency phone number

Emergency number : In the event of an emergency involving dangerous goods: Please contact 0429 555 954

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 1B H314
 Skin sensitisation, Category 1 H317

2.2. Label elements

Hazard pictograms (GHS-AU) :



Signal word (GHS-AU) :

Danger

Contains :

m-phenylenebis(methylamine) (< 3.184 %); triethylenetetramine (< 3.184 %)

Hazard statements (GHS-AU) :

H314 - Causes severe skin burns and eye damage
 H317 - May cause an allergic skin reaction

Precautionary statements (GHS-AU) :

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 - Wash thoroughly after handling
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off all contaminated clothing immediately. Rinse skin with water/shower
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 - Immediately call a poison center or doctor/physician.
 P321 - Specific treatment (see 4.1. First aid procedures on this label)
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P405 - Store locked up.
 P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

2.3. Other hazards

No additional information available

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SECTION 3: Composition/Information on ingredients

Name	CAS-No.	Compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
m-phenylenebis(methylamine)	1477-55-0		< 3.184	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
triethylenetetramine	112-24-3		< 3.184	Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Take a copy of this safety data sheet when going for medical treatment. Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove the victim into fresh air. Call a poison center/doctor/physician if you feel unwell.
- First-aid measures after skin contact : Wash immediately with lots of water (15 minutes)/shower. Gently wash with plenty of soap and water. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse skin with water/shower. Remove/Take off all contaminated clothing immediately. Call a physician immediately.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes. Take victim to a doctor/medical service if irritation persists. Rinse cautiously with water for several minutes. Call a physician immediately.
- First-aid measures after ingestion : Do not induce vomiting. Rinse mouth with water. Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person. Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

4.2. Symptoms caused by exposure

- Symptoms/effects after skin contact : May cause an allergic skin reaction. Burns.
- Symptoms/effects after eye contact : Causes serious eye burns. Causes serious eye damage. Serious damage to eyes.
- Symptoms/effects after ingestion : Burns.

4.3. Indication of any immediate medical attention and special treatment needed

- Other medical advice or treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical, CO₂, dry sand, or alcohol-resistant foam. Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Do not allow run-off from fire fighting to enter drains or water courses. Flammable liquid and vapor.
- General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and understood.

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5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and understood.

6.1.1. For non-emergency personnel

- Protective equipment : Gloves. Protective clothing. Protective goggles.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin, eyes and clothing. Wash contaminated clothes. NO open flames, NO sparks, and NO smoking. Do not breathe dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection".
- Emergency procedures : Prevent from entering sewers, basements and work pits, or any place where its accumulation can be dangerous. Stop leak if safe to do so. Cover spill with non combustible material, e.g.: sand/earth. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Do not allow product to spread into the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Stop leak without risks if possible. Plug the leak, cut off the supply. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Contain large spillage with sand or earth.
- Methods for cleaning up : Take up liquid spill into absorbent material. Absorb remaining liquid sand or inert absorbent and remove to safe place. Collect leaking and spilled liquid in sealable containers as far as possible. Scoop absorbed substance into closing containers or synthetic bags. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: scoop solid spill into closing containers. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

- Precautions for safe handling : Use personal protective equipment as required. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Ensure good ventilation of the work station. Observe normal hygiene standards. Use only in well-ventilated areas. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.
- Hygiene measures : Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
- Incompatible products : Oxidizing agent. strong acids.
- Storage temperature : 10 - 25 °C
- Storage area : Protect against frost.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

m-phenylenebis(methylamine) (1477-55-0)		
USA - ACGIH	Local name	m-Xylene α,α' -diamine
USA - ACGIH	ACGIH Ceiling (mg/m ³)	0.1 mg/m ³ (m-Xylene α,α' -diamine; USA; Momentary value; TLV - Adopted Value)
USA - ACGIH	Remark (ACGIH)	Eye, skin, & GI irr

Exposure limit values of other components

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : Gloves. nitrile rubber gloves

Eye protection : Chemical goggles or face shield. Safety glasses

Skin and body protection : chemical resistant apron. Chemical resistant safety shoes

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Wear approved mask. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Environmental exposure controls : Avoid release to the environment.

9.1. SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance :

Color : No data available

Odor : No data available

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Melting point / Freezing point : Melting point : Not applicable

Boiling point : ≈ 100 °C

Flash point : > 93 °C

Auto-ignition temperature : No data available

Flammability (solid, gas) : No data available

Vapor pressure : No data available

Relative density : No data available

Specific gravity / density : Specific gravity / density : 1.045 g/cm³

Solubility : No data available

Log Pow : No data available

Viscosity : No data available

Explosive properties : No data available

Explosion limits : No data available

Minimum ignition energy : No data available

Fat solubility : No data available

Percent Solids (Weight) : 38.21 %

Percent Solids (Volume) : 35.013 %

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10.1. SECTION 10: Stability and reactivity

Reactivity	: Flammable liquid and vapor. Flammable liquid and vapor
Chemical stability	: Stable under normal conditions of use.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.
Incompatible materials	: Oxidizing agent. acids.
Hazardous decomposition products	: No hazardous decomposition products known at room temperature.

11.1. SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

m-phenylenebis(methylamine) (1477-55-0)	
LD50 oral rat	930 mg/kg (Rat)
LD50 dermal rabbit	2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	2.4 mg/l/4h (Rat)

triethylenetetramine (112-24-3)	
LD50 oral rat	2500 mg/kg (Rat; Literature; 1716 mg/kg bodyweight; Rat; Literature)
LD50 dermal rabbit	805 mg/kg (Rabbit; Literature; 1465 mg/kg bodyweight; Rabbit; Literature)

Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	:
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Specific gravity / density	1.045 g/cm ³

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Aquatic acute	: Not classified
Aquatic chronic	: Not classified

m-phenylenebis(methylamine) (1477-55-0)	
LC50 fish 2	> 100 mg/l (LC50; 96 h)
EC50 Daphnia 1	16 mg/l (EC50; 48 h)
BCF fish 1	< 2.7 (BCF)
Log Pow	0.15
Threshold limit algae 1	12 mg/l (EC50; 72 h)

triethylenetetramine (112-24-3)	
LC50 fish 2	495 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 1	311 mg/l (EC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna)
Log Pow	-1.86 - -1.41 (Calculated)
Threshold limit algae 1	>= 100 mg/l (ErC50; DIN 38412-9; 72 h; Scenedesmus subspicatus)

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Isopropanol (67-63-0)	
LC50 fish 2	9640 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)
EC50 Daphnia 2	13299 mg/l (EC50; Other; 48 h; Daphnia magna)
Log Pow	0.05 (Weight of evidence approach; Other; 25 °C)
Threshold limit algae 1	> 1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus)

12.2. Persistence and degradability

m-phenylenebis(methylamine) (1477-55-0)	
Persistence and degradability	Not readily biodegradable in water.

triethylenetetramine (112-24-3)	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available. Photodegradation in the air.

12.3. Bioaccumulative potential

m-phenylenebis(methylamine) (1477-55-0)	
BCF fish 1	See section 12.1 on ecotoxicology
Log Pow	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

triethylenetetramine (112-24-3)	
Log Pow	See section 12.1 on ecotoxicology
Bioaccumulative potential	Bioaccumulation: not applicable.

12.4. Mobility in soil

m-phenylenebis(methylamine) (1477-55-0)	
Log Pow	See section 12.1 on ecotoxicology

triethylenetetramine (112-24-3)	
Log Pow	See section 12.1 on ecotoxicology

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False

m-phenylenebis(methylamine) (1477-55-0)	
Fluorinated greenhouse gases	False

triethylenetetramine (112-24-3)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with all local, regional, national and international regulations.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. Proper Shipping Name - Addition

Not applicable

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : Not applicable

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IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards

Marine pollutant : No

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Listed on the AICS (the Australian Inventory of Chemical Substances) : Listed on the AICS (the Australian Inventory of Chemical Substances)

Relevant Poisons Schedule number : Schedule 5

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Revision date : 19/12/2018

Classification:

Skin Corr. 1B	H314
Skin Sens. 1	H317

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization, Category 1
H302	Harmful if swallowed
H311	Toxic in contact with skin

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H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H332	Harmful if inhaled
H412	Harmful to aquatic life with long lasting effects

SDS Australia (Phoenix)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product