

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ARDEX DPM 1C PART A

SUPPLIER Ardex UK Limited

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2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xi;R36/38. R43. N;R51/53.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317

Environment Aquatic Chronic 2 - H411

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008





SIGNAL WORD Warning
CONTAINS epoxy resin

Epoxy resin (average molecular weight <700)

OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

HAZARD STATEMENTS

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.
P501 Dispose of contents/container to ...

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

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

P264 Wash ... thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see ... on this label).

P332+313 If skin irritation occurs: Get medical advice/attention.

P333+313 If skin irritation or rash occurs: Get medical advice/attention.

P337 If eye irritation persists:

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

Supplemental Label Information (EU)

EUH205 Contains epoxy constituents. May produce an allergic reaction.

3 COMPOSITION/INFORMATION ON INGREDIENTS

DI-ISOBUTYL KETONE < 1%

CAS-No.: 108-83-8 EC No.: 203-620-1

Classification (EC 1272/2008) Classification (67/548/EEC)

Flam. Liq. 3 - H226 R10 STOT SE 3 - H335 Xi;R37

> 3 % epoxy resin

CAS-No.: 55492-52-9 EC No.:

Classification (EC 1272/2008) Classification (67/548/EEC)

Not classified. Xi;R36/38.

N:R51/53. R43

Epoxy resin (average molecular weight <700) > 3 %

CAS-No.: 25068-38-6 EC No.: 500-033-5

Classification (EC 1272/2008) Classification (67/548/EEC)

Skin Irrit. 2 - H315 R43 Eve Irrit. 2 - H319 Xi;R36/38 Skin Sens. 1 - H317 N;R51/53 Aquatic Chronic 2 - H411

LOW BOILING POINT NAPHTHA - UNSPECIFIED

< 1%

CAS-No.: 64742-95-6 EC No.: 265-199-0

Classification (EC 1272/2008) Classification (67/548/EEC)

Xn;R65. Flam. Liq. 3 - H226 EUH066 Xi;R37. STOT SE 3 - H335, H336 N;R51/53. Asp. Tox. 1 - H304 R10,R67,R66.

Aquatic Chronic 2 - H411

OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS > 3 %

CAS-No.: 68609-97-2 EC No.:

Classification (EC 1272/2008) Classification (67/548/EEC)

Skin Irrit. 2 - H315 R43 Skin Sens. 1 - H317 Xi:R38

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

FYF CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA	- 8 Hrs	STEL	- 15 Min	Notes
DI-ISOBUTYL KETONE	WEL	25 ppm	148 mg/m3			

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT





PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists

HAND PROTECTION

Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Liquid COLOUR Black.

ODOUR Characteristic.

SOLUBILITY Immiscible with water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

May cause sensitisation by skin contact. Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average

MW <= 700), epoxy resin)

ENVIRONMENTALLY

HAZARDOUS

No.

SUBSTANCE/MARINE

POLLUTANT

UN NO. ROAD 3082 ADR CLASS NO. 9

ADR CLASS Class 9: Miscellaneous

dangerous substances and

articles.

ADR PACK GROUP III HAZARD No. (ADR) 90

 ADR LABEL NO.
 9

 HAZCHEM CODE
 3Z

 UN NO. SEA
 3082

 IMDG CLASS
 9

 IMDG PACK GR.
 III

 EMS
 F-A, S-F

 UN NO. AIR
 3082

UN NO. AIR 3082
AIR CLASS 9
AIR PACK GR. III

15 REGULATORY INFORMATION

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 15/11/2010

REV. NO./REPL. SDS GENERATED 3

RISK PHRASES IN FULL

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R66 Repeated exposure may cause skin dryness or cracking.

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

R67 Vapours may cause drowsiness and dizziness.

HAZARD STATEMENTS IN FULL

H319 Causes serious eye irritation.
H315 Causes skin irritation.
H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.
 H336 May cause drowsiness or dizziness.
 H335 May cause respiratory irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.

H411 Toxic to aquatic life with long lasting effects.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



SAFETY DATA SHEET ARDEX DPM 1 C PART B

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ARDEX DPM 1 C PART B

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2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xn;R20/22. Repr. Cat. 3;R62. C;R34. R43.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Acute Tox. 4 - H302; Acute Tox. 4 - H332; Skin Corr. 1B - H314; Skin Sens. 1 -

H317;Repr. 2 - H361f

Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008







SIGNAL WORD Danger

CONTAINS 3-AMINOPROPYLDIMETHYLAMINE

4,4'-ISOPROPYLIDENEDIPHENOL

Benzylalkohol Isophorondiamine

m-PHENYLENEBIS(METHYLAMINE)

HAZARD STATEMENTS

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H361f Suspected of damaging fertility.

PRECAUTIONARY STATEMENTS

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P308+313 IF exposed or concerned: Get medical advice/attention.
P310 Immediately call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container to ...

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P260 Do not breathe vapour/spray.
P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.
P321 Specific treatment (see medical advice on this label).

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel

unwell.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P333+313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

3 COMPOSITION/INFORMATION ON INGREDIENTS

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	> 3 %	

CAS-No.: 90-72-2 EC No.: 202-013-9

Classification (EC 1272/2008) Classification (67/548/EEC)

Acute Tox. 4 - H302 Xn;R22 Skin Irrit. 2 - H315 Xi;R36/38 Eye Irrit. 2 - H319

3-AMINOPROPYLDIMETHYLAMINE > 3 % CAS-No.: 109-55-7 EC No.: 203-680-9 Classification (EC 1272/2008) Classification (67/548/EEC) Flam. Liq. 3 - H226 R10

 Flam. Liq. 3 - H226
 R10

 Acute Tox. 4 - H302
 C;R34

 Skin Corr. 1B - H314
 Xn;R22

 Skin Sens. 1 - H317
 R43

4,4'-ISOPROPYLIDENEDIPHENOL > 3 %

CAS-No.: 80-05-7 EC No.: 201-245-8

Classification (EC 1272/2008) Classification (67/548/EEC)

Eye Dam. 1 - H318 Repr. Cat. 3;R62

 Skin Sens. 1 - H317
 R43

 Repr. 2 - H361f
 Xi;R37,R41

 STOT SE 3 - H335
 Xi;R37,R41

Benzylalkohol > 3 %

CAS-No.: 100-51-6 EC No.: 202-859-9

Classification (EC 1272/2008) Classification (67/548/EEC)

Acute Tox. 4 - H302 Xn;R20/22

Acute Tox. 4 - H332

Isophorondiamine			> 3 %
CAS-No.: 2855-13-2	EC No.: 220-666-8		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Acute Tox. 4 - H302		C;R34	
Acute Tox. 4 - H312		Xn;R21/22	
Skin Corr. 1B - H314		R43	
Skin Sens. 1 - H317		R52/53	
Aquatic Chronic 3 - H412			

m-PHENYLENEBIS(METHYLAMINE) > 3 %

CAS-No.: 1477-55-0 EC No.: 216-032-5

Classification (EC 1272/2008) Classification (67/548/EEC)

Not classified. Xn;R20/22.
C;R34.
R43,R52/53.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly.

Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT





PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear, yellowish liquid.

COLOUR Yellowish
ODOUR Amine.

SOLUBILITY Immiscible with water

BOILING POINT (°C) 135

MELTING POINT (°C) Not determined

RELATIVE DENSITY 1.02 VAPOUR PRESSURE 0.3 kPa

VISCOSITY 600 - 1400 mPas 23

FLASH POINT (°C) 86 AUTO IGNITION 380

TEMPERATURE (°C)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Reacts violently with strong oxidising substances.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO2, NOx) may be formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. May cause sensitisation by inhalation. May cause respiratory allergy.

INGESTION

Harmful if swallowed. May cause chemical burns in mouth and throat.

SKIN CONTACT

Causes burns. May cause allergic contact eczema. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact.

EYE CONTACT

Causes burns. Extreme irritation of eyes and mucous membranes, including burning and tearing.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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

LC 50, 96 Hrs, FISH mg/l 10 EC 50, 48 Hrs, DAPHNIA, mg/l 100 IC 50, 72 Hrs, ALGAE, mg/l 79

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME CORROSIVE LIQUID, N.O.S. (m-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE)

ENVIRONMENTALLY No.

HAZARDOUS

SUBSTANCE/MARINE

POLLUTANT

UN NO. ROAD 1760 ADR CLASS NO. 8

ADR CLASS Class 8: Corrosive substances.

ADR PACK GROUP Ш **TUNNEL RESTRICTION CODE** (E) HAZARD No. (ADR) 80 ADR LABEL NO. 8 **HAZCHEM CODE** 2X UN NO. SEA 1760 IMDG CLASS 8 IMDG PACK GR. Ш

EMS F-A, S-B UN NO. AIR 1760 AIR CLASS 8 AIR PACK GR. III

15 REGULATORY INFORMATION

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 07/06/2012

REV. NO./REPL. SDS GENERATED 4

RISK PHRASES IN FULL

R34 Causes burns.
R10 Flammable.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R21/22 Harmful in contact with skin and if swallowed.

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

R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.

R43 May cause sensitisation by skin contact.

R62 Possible risk of impaired fertility.
R41 Risk of serious damage to eyes.

HAZARD STATEMENTS IN FULL

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.

H412 Harmful to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.
 H335 May cause respiratory irritation.
 H361f Suspected of damaging fertility.

DISCLAIMER

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