



SAFETY DATA SHEET
ARDEX DPM 1 C PART B

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ARDEX DPM 1 C PART B
Product No. 18299, 18300, 18301

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Two part epoxy damp proof membrane

1.3. Details of the supplier of the safety data sheet

Supplier Ardex UK Limited
Homefield Road
Haverhill
Suffolk
CB9 8QP
Tel. 01440 714939
Fax. 01440 716667
Contact Person safetydatasheets@ardex.co.uk

1.4. Emergency telephone number

+44 (0)870 190 6777 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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.

Classification (1999/45/EEC)

Xn; R20/22. Repr. Cat. 3; R62. C; R34. R43.

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

2.2. Label elements

Contains 3-AMINOPROPYLDIMETHYLAMINE
4,4'-ISOPROPYLIDENEDIPHENOL
Benzylalkohol

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

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.

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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.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

3-AMINOPROPYLDIMETHYLAMINE		<15 %
CAS-No.: 109-55-7	EC No.: 203-680-9	Registration Number: 01-2119486842-27-xxxx
Classification (EC 1272/2008)	Classification (67/548/EEC)	
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		<15 %
CAS-No.: 80-05-7	EC No.: 201-245-8	Registration Number: 01-2119457856-23-xxxx
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		

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Benzylalkohol		30-50%
CAS-No.: 100-51-6	EC No.: 202-859-9	Registration Number: 01-2119492630-38-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/22	

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

SECTION 4: FIRST AID MEASURES

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

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

5.3. Advice for firefighters

Protective equipment for fire-fighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling**7.2. Conditions for safe storage, including any incompatibilities**

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

Storage Class

Chemical storage.

7.3. Specific end use (s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters**Benzylalkohol (CAS: 100-51-6)**

DNEL				
Industry	Dermal	Long Term	9, 5	mg/kg/day
Industry	Inhalation.	Long Term	90	mg/m ³
PNEC				
Freshwater	1		mg/l	
Marinewater	0, 1		mg/l	

4,4'-ISOPROPYLIDENEDIPHENOL (CAS: 80-05-7)

DNEL				
Professional	Dermal	1, 4		mg/kg/day
Professional	Inhalation.	10		mg/m ³
PNEC				
Freshwater	0, 018		mg/l	
Marinewater	0, 016		mg/l	

m-phenylenebis(methylamine) (CAS: 1477-55-0)

PNEC				
Freshwater	0.094		mg/l	
Marinewater	0.0094		mg/l	

3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2)

DNEL				
Professional	Inhalation.	Long Term	Systemic Effects	0, 526 mg/kg/day
Professional	Inhalation.	Short Term	Local Effects	20, 1 mg/m ³
Consumer	Oral	Long Term	Systemic Effects	0, 526 mg/kg/day
PNEC				
Soil	1, 121		mg/kg	
Freshwater	0, 06		mg/l	
Sediment	5, 784		mg/kg	
Marinewater	0, 006		mg/l	
Sediment (Marinewater)	0, 578		mg/kg	

8.2. Exposure controls

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.

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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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear, yellowish liquid.
Colour	Yellowish
Odour	Amine.
Solubility	Immiscible with water
Initial boiling point and boiling range (°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 Temperature (°C)	380

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Reacts violently with strong oxidising substances.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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.

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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.

SECTION 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l	10
EC 50, 48 Hrs, Daphnia, mg/l	100
IC 50, 72 Hrs, Algae, mg/l	79

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	2735
UN No. (IMDG)	2735
UN No. (ICAO)	2735

14.2. UN proper shipping name

Proper Shipping Name CORROSIVE LIQUID, N.O.S. (m-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE)

14.3. Transport hazard class (es)

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	

**14.4. Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2X
Hazard No. (ADR)	80
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

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.

EU Legislation

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.

Water hazard classification

WGK 2

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Issued By	Research and Development Manager
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Risk Phrases In Full

R34	Causes burns.
R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.

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.