



## SAFETY DATA SHEET CORROLESS ACO TWIN PACK BASE

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** CORROLESS ACO TWIN PACK BASE  
**Product number** ATP-LF-ACUK

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

**Identified uses** Solvent free, two pack polyurethane repair mastic for pipe coatings.  
**Uses advised against** For professional users only.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Acothane UK Ltd  
Unit 1  
Clarkes Business Park  
Bilton Way  
Lutterworth  
LE17 4HJ  
+44 (0)800 246 1287  
info@acothaneuk.com

**Contact person** info@acothaneuk.com

**Manufacturer** Axalta Coating Systems Huthwaite UK Ltd  
Blackwell Road  
Huthwaite  
Nottinghamshire  
United Kingdom  
NG17 2RL  
Tel: +44 (0)1623 510585

#### 1.4. Emergency telephone number

**Emergency telephone** United Kingdom: 01623 528938 (Mon-Thu 0700 - 1600 hrs, Fri 0700 - 1245 hrs).

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.  
**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/ container in accordance with national regulations.

**Other information**

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### 2.3. Other hazards

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>DIETHYLMETHYLBENZENEDIAMINE</b>			<b>1-5%</b>
CAS number: 68479-98-1	EC number: 270-877-4	REACH registration number: 01-2119486805-25-0000	
M factor (Acute) = 1	M factor (Chronic) = 1		
<b>Classification</b>			
Acute Tox. 4 - H302			
Acute Tox. 4 - H312			
Eye Irrit. 2 - H319			
STOT RE 2 - H373			
Aquatic Acute 1 - H400			
Aquatic Chronic 1 - H410			

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

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**General information** No data available on the mixture itself.

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

**Notes for the doctor** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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**Personal precautions** Follow precautions for safe handling described in this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### DIETHYLMETHYLBENZENEDIAMINE (CAS: 68479-98-1)

**DNEL** Workers - Dermal; systemic effects: 1 mg/kg bw/day  
 Workers - Inhalation; systemic effects: 0.13 mg/m<sup>3</sup>  
 Consumer - Oral; systemic effects: 0.1 mg/kg bw/day  
 Consumer - Inhalation; systemic effects: 0.1 mg/m<sup>3</sup>

**PNEC** - Fresh water; 0.5 µg/l  
 - marine water; 0.05 µg/l  
 - Aqua Intermittent; 5 µg/l  
 - Sediment; 0.029 mg/kg dw  
 - Sediment (Marinewater); 0.0029 mg/kg dw  
 - STP; 17 mg/l  
 - Secondary poisoning; 2 mg/kg food

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

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<b>Hand protection</b>	Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Nitrile rubber; thickness 0.35mm minimum. Butyl Rubber; thickness 0.5mm minimum. Fluorinated rubber (Viton); thickness 0.4mm minimum. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Characteristic.
<b>pH</b>	Not relevant.
<b>Flash point</b>	127°C
<b>Vapour pressure</b>	Not determined.
<b>Relative density</b>	1.30 - 1.35
<b>Partition coefficient</b>	Not known.
<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.

#### 9.2. Other information

<b>Other information</b>	No additional information
<b>Volatile organic compound</b>	Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
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### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 38,138.83

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 83,905.42

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

## SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not known.

### 12.4. Mobility in soil

**Mobility** Readily absorbed into soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

## CORROLESS ACO TWIN PACK BASE

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**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

#### **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) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### **Guidance**

Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

#### **Abbreviations and acronyms used in the safety data sheet**

WEL: Workplace Exposure Limit.  
ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstracts Service.  
DMEL: Derived Minimal Effect Level.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

#### **Revision date**

19/09/2019

#### **Revision**

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## CORROLESS ACO TWIN PACK BASE

<b>Supersedes date</b>	02/02/2018
<b>SDS number</b>	32407
<b>Risk phrases in full</b>	R21/22 Harmful in contact with skin and if swallowed. R36 Irritating to eyes. R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50/53 Very 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.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

The information in this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.