



# ACO Polymer Concrete Products

## 1. Product and Company Identification

### Product name (not exclusive):

CivicDrain; DrainMat; KerbDrain; MultiDrain; ParkDrain; Monoblock; RainDrain; RoadDrain; S Range; Slimline; Sport Ranges (1000; 1500; 6000; 7100; 7400; 8400); Wildlife Ranges (Bat Box; Climate Tunnel System; Guide Wall; Nest Box; Wildlife Kerb; Wildlife Refuges)

### Approved Use:

ACO surface water management systems consist of channel and/or kerb sections and ancillaries e.g. end caps, sump units etc. ACO surface water management systems are intended for the collection and conveyance of surface water from areas subject to pedestrian and/or vehicular traffic. Rainwater forms the main application of these systems.

ACO Wildlife ranges are for the protection and guidance of various types of fauna.

### Supplier:

ACO Technologies plc                      Telephone: 01462 816666  
 ACO Business Park                      Fax: 01462 815895  
 Hitchin Road  
 Shefford  
 Beds  
 SG17 5TE

## 2. Hazards Identification

Hazard Category Means of entering the body	Non-Hazardous
Inhalation	Yes
Skin/Eye	Yes
Swallowed	No
Injected	No

### Exposure Risk:

The products are non-hazardous in normal use. Cutting or grinding operations may give rise to respirable dust which, if inhaled in excessive quantities, could become a long term health hazard. During such operations there is also the possibility of dust or fragments being ejected at high speed, which could result in impact damage particularly to the eyes. A dust mask and suitable eye protection should therefore always be worn whenever grinding or cutting is taking place.

Cutting or grinding operations should not be carried out in the vicinity of flammable or explosive materials to avoid any risk of ignition by sparks.

Some of the products in the range may be comparatively heavy and good manual handling techniques should always be practised in order to prevent problems such as back strain etc.

In the case of the heavier products (> 23kg) suitable mechanical lifting equipment should be employed wherever possible.

Handling products could cause abrasive damage to the hands or skin and suitable protective gloves are recommended.

## 3. Composition/Information on Ingredients

### Technical Name:

Syntolit polymer concrete, Polyester polymer concrete or Vienite®.

### Composition:

ACO polymer concrete products are manufactured primarily from Syntolit polymer concrete, Polyester polymer concrete or Vienite®. They may be supplied complete with galvanised, mild, or stainless steel, cast grey or ductile iron, aluminium, composite, rubber, or plastic gratings and components.

ACO's polymer concrete consists of a mixture of various naturally occurring aggregate materials in conjunction with an unsaturated polyester or vinyl ester resin which when fully cured acts as a binder.



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## 4. First Aid Measures

There is no immediate medical risk associated with the use of ACO's polymer concrete products.

**INHALATION OF DUST:** Remove the person to fresh air and seek medical assistance in the case of breathing difficulties.

**CUTS AND ABRASIONS DO THE SKIN:** Clean any wound thoroughly and apply a sterile dressing. Seek medical assistance if bleeding or irritation persists.

**EYES:** In the event of dust or fragments entering the eye, avoid rubbing the eye. Flush out with copious quantities of clean water or saline eye-wash solution. Seek medical assistance if any irritation persists.

## 5. Fire Fighting Measures

**FIRE RISK:** Although the material will burn if the temperature becomes sufficiently high, the material is generally self-extinguishing and is not considered to be a particular fire risk.

**FIRE FIGHTING PROCEDURES:** In a fire black smoke and/or toxic fumes may be generated. In such a situation the use of self-contained breathing apparatus is recommended.

**EXTINGUISHING MEDIA:** Water Spray, CO<sub>2</sub>, Dry Powder, Foam, Sand.

## 6. Accidental Release Measures

Not Applicable.

## 7. Handling and Storage

**HANDLING:** The use of protective gloves and safety footwear is recommended whenever the product is handled manually. Suitable lifting equipment should be used when handling heavier items.

**STORAGE:** The product is normally supplied on pallets. Care should be taken to ensure that pallets are stacked on level ground and that the weight of the product is taken into account to ensure stable stacking.

**CONTAINER:** Pallet

**WHERE STORED:** No special requirements

## 8. Exposure Controls/Personal Protection

Wear protective gloves and safety footwear during manual handling.

Use lifting equipment for heavier products.

Always wear dust mask and eye protection during cutting or grinding operations.

Ensure stability of stacks during storage.

## 9. Physical and Chemical Properties

**APPEARANCE AND ODOUR:** Beige coloured solid (some products may be pigmented); generally odourless.

**OTHER PHYSICAL PROPERTIES:** None.

## 10. Stability and Reactivity

Stable under normal conditions.

## 11. Toxicological Information

Not toxic when used for intended purpose.

## 12. Ecological Information

No known effects.



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## 13. Disposal Considerations

May be disposed of in accordance with local regulations.

## 14. Transport Information

Not classified.

## 15. Regulatory Information

Not applicable.

RISK/SAFETY CODE	DESCRIPTION
S22	Do not breathe dust
S37	Wear suitable gloves
S38	Wear eye/face protection

## 16. Other Information

This Material Safety Data Sheet (MSDS) is furnished to the immediate purchaser of the product to which it refers without representation or warranty as to the completeness or accuracy of any information or recommendations contained herein. This MSDS is not intended to create liability of any kind on the part of ACO Technologies plc. In no event will ACO be responsible for any death, injury, or damage of any nature whatsoever resulting from the use or misuse of, or reliance upon, the MSDS or material to which it refers.