

## ACP Polyethylene Pipe

Not classified as hazardous according to NOHSC (Worksafe Australia) criteria

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### IDENTIFICATION

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| <b>SUPPLIER</b>     | ACP Australian Custom Pipes Pty Ltd                                 |
| Address             | 24A Alfred Road<br>Chipping Norton NSW 2170<br>Australia            |
| Telephone           | 1300 307 887 (Australia) or +61 2 9722 0500 (International)         |
| Emergency Telephone | As Above (Business Hours)   |
| Fax                 | +61 2 9728 6665   |
| <b>USE</b>          | Transport of solid and liquid fluid mediums, above and below ground |

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### PHYSICAL DESCRIPTION/PROPERTIES

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|---------------------------|--------------------------------------|
| Appearance                | Black coloured extruded plastic pipe |
| Melting Point (°C)        | 120 - 140                            |
| Boiling Point (°C)        | Not available                        |
| Vapour Pressure (kPa)     | Not available                        |
| Specific Gravity          | 0.94 - 0.96                          |
| Flash Point (°C)          | Not available                        |
| Flammability Limit LEL    | Not applicable                       |
| Solubility in Water (g/L) | Insoluble                            |

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### INGREDIENTS

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| NAME                  | CAS RN    | %       |
|-----------------------|-----------|---------|
| Polyethylene          | 9002-88-4 | 96 - 98 |
| Carbon Black          | 1333-86-4 | 2 - 3   |
| Proprietary Additives |           | 0 - 1   |

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### HEALTH HAZARD

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#### ACUTE HEALTH EFFECTS

**SWALLOWED** Considered an unlikely route of entry in commercial/industrial environments.

**EYE** Generated dust may be discomforting to the eyes. Not expected to cause prolonged or significant eye irritation.

If this material is heated, thermal burns may result from eye contact.

**SKIN** Generated dust may be discomforting to the skin if exposure is prolonged. Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.

If this material is heated, thermal burns may result from skin contact.

**INHALED** Generated dust may be highly discomforting if inhaled.

Fusion welding operations may give rise to fumes.

The vapor from overheated or scorched material is discomforting if inhaled.

Not expected to be harmful if inhaled. If this material is heated, fumes may be unpleasant and produce nausea and irritation of the upper respiratory tract.

#### CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by eye contact, skin contact and inhalation of generated dust.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

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## FIRST AID

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**SWALLOWED** Overexposure is unlikely in this form.

If swallowed, do NOT induce vomiting. Give a glass of water.  
Not expected to be harmful if swallowed.

**EYE**

Immediately hold the eyes open and wash with fresh running water.  
Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.  
If pain persists or recurs seek medical attention.  
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.  
If heated material should splash into eyes, get immediate medical attention

**SKIN**

Brush off dust.  
If the hot material gets on skin, quickly cool in water. See a doctor for extensive burns. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it. The use of vegetable oil or mineral oil is recommended for removal of this material from the skin.  
Seek medical attention if swelling/redness/blistering or irritation occurs.

**INHALED**

If dust is inhaled, remove to fresh air.  
Encourage patient to blow nose to ensure clear breathing passages.  
Ask patient to rinse mouth with water but do not drink water.  
Seek immediate medical attention.  
If fumes or combustion products are inhaled:

- Remove to fresh air.
- Lay patient down. Keep warm and rested.
- If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.
- No specific first aid measures are required because this material is not expected to be harmful if swallowed

**ADVICE TO DOCTOR**

Treat symptomatically.

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## PRECAUTIONS FOR USE

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### EXPOSURE STANDARDS

| Name         | STEL                  | TWA                   |
|--------------|-----------------------|-----------------------|
|              | mg/m <sup>3</sup> ppm | mg/m <sup>3</sup> ppm |
| Carbon black |                       | 3                     |

No exposure limits set by NOHSC (Worksafe Australia)  
Dusts not otherwise classified, as inspirable dust; limit 10 mg/m<sup>3</sup> (TWA).

### ENGINEERING CONTROLS

Use in a well ventilated area.  
Avoid breathing generated dust when cutting, and fumes when welding  
If risk of dust inhalation exists wear dust mask/respirator.

### PERSONAL PROTECTION

**EYE** Safety glasses with side shields; or goggles as required.  
Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

**HANDS** Barrier cream and Cotton gloves. Protective gloves when handling hot material.

**FEET** Safety footwear

**OTHER** Overalls or protective clothing, Dust Mask or Respirator, Eyewash unit

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## STORAGE AND TRANSPORT

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### SUITABLE CONTAINER

Pipes may be strapped or roped in bundles, crated in timber crates or packed in timber frames

### STORAGE INCOMPATIBILITY

No known incompatibility with normal range of industrial material.

### STORAGE REQUIREMENT

Store pipes so that will not be subjected to movement or distortion and out of direct sunlight.

### TRANSPORTATION

No restrictions, special requirements for packaging or labeling.

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## FIRE/EXPLOSION HAZARD

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Combustible. Will burn if ignited. Burns at high temperatures.

Not considered to be a significant fire risk.

NOTE: Burns with intense heat. Produces melting, flowing, burning liquid and dense acrid black smoke.

Decomposes on heating and produces toxic fumes of carbon dioxide, Carbon monoxide, Aldehydes, Acetic Acid, Ketones, Acrolein, Ethane and Methane.

### EXTINGUISHING MEDIA

Carbon Dioxide, Foam, Dry Chemical, Water Fog or Fine Water Spray

### SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must use self contained breathing apparatus

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Build up of airborne dusts may cause a dust explosion.

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## SPILLS AND DISPOSAL

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**SPILLS** Secure load if safe to do so. Collect and bundle recovered product.

**DISPOSAL** Recycle wherever possible, consult manufacturer for recycling options.  
Dispose of wastes in authorised landfill.

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## CONTACT POINT

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COMPANY CONTACT: ACP Australian Custom Pipes 1300 307 887 (Aus) or +61 2 9722 0500 (Int)

AUSTRALIAN POISONS INFORMATION CENTRE (24hr service): 13 11 26

POLICE, FIRE BRIGADE OR AMBULANCE: 000

**IMPORTANT ADVICE:** This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact ACP Australian Custom Pipes Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

End of MSDS