

Rack Armour Australia Pty Ltd ABN 16 110 172 775
PO Box 433 Moorebank 2170
Ph: +61 (0)2 9722 0502
Fax: +61 (0)2 9728 6665
Email: info@rackarmour.com.au



Issue Date: July 2011

Rack Armour Australia Pty Ltd Ballistics Grade Polymer Products

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

IDENTIFICATION

SUPPLIER Rack Armour Australia Pty Ltd
Address 24A Alfred Road
Chipping Norton NSW 2170
Australia
Telephone 02 9722 0502 (Australia) or +61 2 9722 0502 (International)
Emergency Telephone As Above (Business Hours)
Fax +61 2 9728 6665

USE Pallet Racking Protection

PHYSICAL DESCRIPTION/PROPERTIES

Appearance Yellow 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

INGREDIENTS

NAME	CAS RN	%
Polyethylene	9002-88-4	98
Proprietary Additives		0 – 2%

HEALTH HAZARD

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.
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.



FIRST AID

- 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.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No exposure limits set by NOHSC (Worksafe Australia)
Dusts not otherwise classified, as inspirable dust; limit 10 mg/m³ (TWA).

ENGINEERING CONTROLS

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

Rack Armour Australia Pty Ltd ABN 16 110 172 775
PO Box 433 Moorebank 2170
Ph: +61 (0)2 9722 0502
Fax: +61 (0)2 9728 6665
Email: info@rackarmour.com.au



Issue Date: July 2011

STORAGE AND TRANSPORT

STORAGE INCOMPATIBILITY

No known incompatibility with normal range of industrial material.

STORAGE REQUIREMENT

Store so that will not be subjected to movement or distortion.

TRANSPORTATION

No restrictions.

FIRE/EXPLOSION HAZARD

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.

SPILLS AND DISPOSAL

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.

CONTACT POINT

COMPANY CONTACT: Rack Armour Australia 02 9722 0502 (Aus.) or +61 2 9722 0502 (Int)

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

POLICE, FIRE BRIGADE OR AMBULANCE: 000 (within Australia)

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