



Corporate Energy Australia
Cnr Boundary Road & Potassium Street
NARANGBA QLD 4504
Ph: 07 3203 2833 Fax: 07 3203 3700

SAFETY DATA SHEET

Product: Elasto Seal

Hazard Statements

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation'
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated Exposure if inhaled (ears, kidneys)
H336	May cause drowsiness or dizziness
H312	Harmful in contact with skin
H332	Harmful if inhaled
H351	Suspected of causing cancer

Precautionary Statements

Prevention

P210	Keep out of reach of children
P243	Take precautionary measure against static discharge
P280	Wear protective gloves/protective clothing/eye protection/ face protection
P260	Do not breathe fumes/gas/mist/vapours/spray
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/lighting/equipment
P242	Use only non-sparking tools
P264	Wash face, hands and any exposed skin thoroughly after handling
P270	Do not eat, drink, or smoke when using product
P27	1 Use only outdoors or in well ventilated area

Response

P303	IF ON SKIN(or hair)
P361	Remove/take off immediately all contaminated clothing
P353	Rinse skin with water/shower
P332	If skin irritation occurs
P313	Get medical advice/attention
P301	IF SWALLOWED – Immediately call a POISON CENTRE or
P310	Doctor/physician
P331	Do NOT induce vomiting
P370	In case of fire – use carbon dioxide (CO ₂), dry chemical, foam or water fog for extinction
P314	Get medical advice/attention if you feel unwell

Storage/Disposal

P405	Store locked up
P501	Dispose of contents/container in accordance with local, regional, national and international regulations



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3. Composition/Information on Ingredients

NAME	CAS NUMBER	%
Bitumen Oxidised	8052-42-4	30-60
Styrene butadiene copolymer	9003-55-8	10-30
Xylene	1330-20-7	30-60
White Spirit	64742-82-1	<10

4. First Aid Measures

Swallowed

Do not induce vomiting, if vomiting does occur, have victim lean forward to reduce risk of aspiration. Get medical attention quickly. Clean mouth with water and drink afterwards plenty of water. Do not give milk. Never give anything to an unconscious person.

Eye

Remove any contact lenses. Flush eyes with water thoroughly and continuously for at least 15 minutes. Keeps eyes wide open while rinsing. If there are signs of irritation or other symptoms seek medical attention. If eye irritation, pain, swelling persists, patient should be referred to a specialist health care facility.

Skin

Remove all contaminated clothing/footwear. Immediately flush affected area with plenty of soap and water continuously for 15 minutes. If there are signs of irritation or other symptoms seek medical attention.

Inhaled

Move to fresh air. Seek medical attention. Apply air resuscitation if breathing is irregular or stopped. If breathing is difficult, give oxygen if possible or assisted ventilation. If unconscious, place in recovery position. In the event of cardiac arrest, apply cardiopulmonary resuscitation.

First Aid Facilities

Eye wash and safety shower facilities should be available.

Advice to doctor

Treat symptomatically.

5. Fire Fighting Measures

General Measures Flame-proof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed.

Flammability Highly flammable and Combustible.

Extinguishing Media Use foam, dry chemical, and carbon dioxide. Do not use water in a jet.

Fire fighting advice Fire fighters and others exposed to vapours or products of combustion should wear a positive pressure self-contained breathing apparatus and protective firefighting clothing.

Flash Point > 38 OC

Hazchem Code 3Y



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6. Accidental release measures

Minor Spills Shut off all sources of ignition. Avoid accidents, clean up immediately. Increase ventilation. Use clean, non-sparking tools and equipment. Use appropriate containment to avoid environmental contamination. Prevent from spreading using sand, earth or other appropriate barriers. Take precautionary measure against static discharge. Place in a suitable labelled container for waste disposal.

Major Spills Approach release from upwind. Contain/prevent run off into drains and waterways. Contain spill with sand, earth or vermiculite. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Wear a respiratory with suitable Type A filter for organic gases and vapours. Prevent entry into sewers and waterways. Alert Fire Brigade if necessary. Collect recoverable material and seal in properly labelled containers or drums for disposal.

7. Handling and storage

Handling: Do not inhale vapours. Avoid contact with eyes, skin and respiratory System. Wear protective clothing. Avoid physical damage to containers. Always wash hands with soap and water after handling. Handle in well ventilated premises. In case of insufficient ventilation, wear a respiratory with suitable Type A filter for organic gases and vapours.

Storage: Flammable. Store away from all sources of ignition and heat. Store in cool dry well ventilated place and out of direct sunlight. Keep containers sealed when not in use. Avoid contact with incompatible materials. Avoid contact with strong oxidising agents. Checked all containers are clearly labelled & free from leaks. Keep out of reach of children. Follow manufacturer's storing & handling recommendations.

8. Exposure controls/Personal protection

Occupational Exposure Limits:

TWA STEL Xylene 80 ppm 650 mg/m³

Engineering Control Measures:

Flammable. Keep away from sources of ignition. Use under well ventilated condition. If use indoors, open all windows and doors. Seal containers closed when not in use.

Personal Protection:

If there is a risk of eye contact, repeated or prolonged skin contact or inhalation, wear gloves, safety glasses and a respirator. Wash hands prior to smoking, eating and drinking.

9. Physical and chemical properties

PHYSICAL DESCRIPTION & PROPERTIES

Appearance	Black liquid
Odour	Bitumen
Boiling Point	N/A
Melting Point	N/A
Specific Gravity	0.90 - 0.92
Flash Point	> 38OC (ASTM D93-Closed Cup)
Flammability Limits	0.7 to 6.5



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Solubility in water	Immiscible
Vapour pressure	(20C) : 0.2 kPa
Evaporation rate:	Not Applicable
Autoignition Temp.(C) :	> 432 OC
Decomposition Temp(C)	Not Available
VOC Level :	650g per Litre

10. Stability and reactivity

Stability: Product is considered stable and hazardous polymerisation will not occur.

11. Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the label of this product. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Eye: Causes eye irritation. This irritation can result in redness and swelling of the eyes.

Skin: Harmful in contact with skin. Causes irritation to skin. This irritation can result in redness and swelling of the skin. Repeated contact with the skin may cause it to become dry and cracked.

Inhaled: Harmful if inhalation. May cause respiratory irritation. If inhalation occurs, signs and symptoms may include sore throat, headache, nausea, coughing, wheezing, difficulty in breathing, chest congestion, shortness of breath, and may cause transient central nervous system (CNS) depression.

Swallowed: Serious damage at very high concentrations. Do not delay. Go immediately to hospital. LD50:

Xylene Oral (Rat) 636 mg/Kg

Dermal (Rabbit) >5000 mg/Kg

Inhalation (Rat) 21.7 mg/l/4hr as a vapour

12. Ecotoxicological information

Mobility: Harmful to aquatic life with long lasting effects.

13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Consult your State Land Waste Management Authority prior to disposal.

14. Transport information

Road and Rail Transport:

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport:



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Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN Number : 1999

Shipping Name : Solvent based bitumen primer

Class : 3

Packaging Group : III

HAZCHEM : 3[Y]

15. Regulatory information

Classification: Classified as hazardous according to criteria of NOHSC.

Poisons Schedule: S5

A.I.C.S. Status: All components of the finished product are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

The information contained in this SDS is as accurate as we can ascertain at this time. However, as the information is gleaned from a number of third party sources, Royal Precision Lubricants can make no warranty, guarantee or statement as to the reliability or completeness of the information. Royal Precision Lubricants will not accept liability of any damages whatsoever arising from the reliance of this information. It is the responsibility of the person handling the product to satisfy themselves as to the suitability and completeness of such information for their own use.

...END OF SDS...