



**MATERIAL SAFETY DATA SHEET  
(16 POINT MSDS)**

**PRODUCT: ECO INSULATE**

Disclaimer and important safety notice

All information is provided in good faith and is as accurate as possible. Eco Rubber (Pty)Ltd will not accept any liability pertaining to the use of its products, as the onus is on the end user or consumer to ensure the correct and safe use of this product. Kindly study this document prior to using this product or contact us for additional technical advice. Please ensure that all personnel storing, handling and using this product are properly trained and informed with regards to any potential dangers or hazards pertaining to this product. Please ensure that this document is easily obtainable in the event of an emergency.

Date of Issue: 01/06/2016	Revised date: 01/03/2017	Replaces : Previous
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Supplier identification and information

Manufacturer Name	Eco Rubber (Pty) Ltd
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Address of Manufacturing	8a Paterson Road, North End, Port Elizabeth, South Africa
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Tel number	041 484 1569	Fax number	086 540 9779
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Emergency	076 141 5138	Technical	083 262 6432
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Email	<a href="mailto:info@ecorubber.co.za">info@ecorubber.co.za</a>	Email	<a href="mailto:admin@rubbercoating.co.za">admin@rubbercoating.co.za</a>
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**1. Product Identification**

Product Name	Eco Insulate	Code	
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Chemical / Technical Nature	A thermal insulative barrier coating, acrylic polymer based rubberizing compound for covering leaking substrates and to form an insulative barrier; material is water-based, non-toxic and has no fumes. Adhere to any building material.
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**2. Composition / Information on ingredients**

Ingredients contributing to hazard	Content %	R-Symbol
Water soluble additives		

For detailed risk and safety clauses see .15 of the MSDS. Please note: the data provided is typical of the product and not a specification or indicative of full composition.

### 3. Hazard Identification

<b>Main Hazard</b>	No great risk to health
<b>Flammability</b>	Non-flammable
<b>Chemical Hazard</b>	Not pertinent
<b>Biological Hazard</b>	No data available
<b>Reproductive Hazard</b>	No data available
<b>Effect on eyes</b>	Can cause irritation
<b>Health effects</b>	Skin: no irritation, but should be removed by washing before product dries. Ingestion : may result in vomiting Inhalation : no irritation
<b>Carcinogenity</b>	No data available
<b>Mutagenicity</b>	No data available
<b>Neurotoxicity</b>	No data available

### 4. First aid measures

<b>Inhalation</b>	Fresh air
<b>Skin contact</b>	Wash and dry off
<b>Eye contact</b>	Rinse with water. Seek medical assistance.
<b>Ingestion</b>	Rinse mouth with water; if vomiting occurs naturally, rinse mouth and repeat administration of water. Seek medical assistance.

### 5. Fire-fighting measures

<b>Extinguishing media</b>	Dry powder , CO2 , Water
<b>Specific hazards</b>	None known

### 6. Accidental release measures

<b>Clean up method</b>	Clean with water and use appropriate absorbent materials to clean up small and large spills. Discharge in accordance with local regulations.
<b>Environmental precaution</b>	Contain spill using appropriate absorbent material

### 7. Handling and storage

<b>Handling</b>	Normal handling
<b>Storage</b>	Store Eco Insulate in storage conditions as per local regulations. Keep the container well sealed and always seal container after use. Stir well before use.

### 8. Exposure controls / personal protection

<b>Engineering measures</b>	Work area should have adequate ventilation.
<b>Personal protective equipment</b>	Hands: Can wear PVC / rubber gloves Eyes: Can wear safety goggles / glasses Skin: Wear overalls or protective clothing for spillage on normal clothes.

### 9. Stability and Reactivity

<b>Stability</b>	Thermal decomposition: No decomposition if used correctly; stable up to temperatures of 80 degrees Celsius.
<b>Hazardous decomposition products</b>	No hazardous reactions when stored and handled according to instructions.

## 10. Physical and chemical properties

Appearance	A white coloured, thick liquid	
Odour	Virtually odourless	
PH as supplied	8.68 - 8.90	
Boiling point range	N.A	Degrees C
Melting point range	N.A	Degrees C
Viscosity @ 25 degrees C	128	KU
Flash point	Water-borne: not flammable	Degrees C
Vapour pressure	N.A	

Specific gravity - SG	0.9522
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Solubility	Yes	No
Water	***	

Other data / comments	Non-volatile fluid, non-flammable
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These data are typical for the product and not a specification

## 11. Toxicological information / health effects

Inhalation	None
Skin contact	None
Eye contact	May cause irritation
Ingestion	None
Specific effects	None

## 12. Ecological information

Biodegradability	Contains readily biodegradable ingredients
Ecotoxicity	Non-toxic
Bioaccumulation	Not likely

## 13. Disposal consideration

In accordance with local regulations

## 14. Transport information / road and rail only

Transport type	UN No	Class	Division
ADR/RID (Road/Rail)	Not classified as dangerous		

Additional information	May cause slippery spill
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#### 15. Regulatory information / EEC classification

Warning phrase	Caution	Symbol
	No classification	
	Keep in a cool place Avoid contact with eyes In case of contact with eyes, rinse with water No classification, no hazard label required	

<b>Product contains</b>	Biodegradable surfactants
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<b>Additional information</b>	No
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#### 16. Other information

<b>General info</b>	Personnel using this product must be trained and advised on the best, safest and most effective means of application.
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<b>Issued by</b>	Marius van der Westhuizen	<b>Signed by</b>	
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