



Product Name:SO411 OS2
Component B

MATERIAL SAFETY DATA SHEET COMPONENT B

1. PRODUCT AND COMPANY INFORMATION

Product Name : SO411 OS2
Product Type : Solvent Based Epoxy Coating
Manufacturer : Zayit Coatings , Mpumalanga ,South Africa
Tel no : +27823315442
Email address : admin@zayitcoatings.com
Date revised : 15/01/2015

2. COMPOSITION

The Epoxy Coating is supplied in two components (Dual Pack) namely

Component A and Component B

Component B:

Epoxy Hardener	26.5%
Solvents	20.6%
Pigments	23.5%
Fillers	29.4%

3. HAZARDOUS IDENTIFICATION

Flammability :

- Burns slowly and tardy .
- Flashpoint > 27 °C Closed Cup
- Some ingredients may irritate sensitive skins.
- Eye irritation
- Inhalation may cause dizziness in enclosed areas .
- Fire may cause toxic gasses .
- Runoff from fire control may cause pollution .

DISCLAIMER

The info herein is general to assist our customers in determining whether the ZAYIT SO411 product range are suitable for their specific classifications. ZAYIT SO411 Products are intended for sale to trained installers .We recommend that customers inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use ZAYIT SO411 Products for . Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose .

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Component B



4. FIRST AID MEASURES

Skin:

Remove and isolate contaminated clothing , including shoes.

Wash body with water and soap immediately after contamination for at least 15 minutes .Get medical attention if reddening or swelling occurs .

When A&B components are mixed together above mentioned cleaning procedure must be executed as soon as possible. Failing to do so will aggravate the irritation due to the reaction between the Epoxy and Hardener .

Eyes:

Flush eyes with running water for at least 15 minutes .Seek immediate medical attention .

Ingested:

Do not induce vomiting .

Seek medical assistance .

Inhalation :

Move patient to fresh air

If breathing is difficult ,administer oxygen for a period of maximum 1 hour .

5. FIRE FIGHTING MEASURES

Precautions :

Remove sources of heat and flame

In case of fire :

Use dry chemical such as CO₂,waterspray or alcohol resistant foam .

Move containers from fire area if possible without risk .In case of fire use self contained breathing unit and complete body protection when fire is extinguished .

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6. ACCIDENTAL RELEASE MEASURES

Spillage or leakage :

- Wear appropriate PPE and equipment
- Remove all sources of ignition
- Stop leakage if it is possible without any risk .
- Prevent entry into waterways , sewers , basements or confined spaces .
- Absorb or cover with dry earth ,sand or non-combustible material and transfer to disposable containers. These containers must be disposed of in accordance with local regulations .
- Flush area with water to remove residue

7. HANDLING AND STORAGE

Store in a cool dry place ,below 25 °C

Fire separation of at least 5m is recommended .

Seal all partially used containers .

Use appropriate PPE and equipment

After handling containers wash with soap and water before eating , drinking ,smoking or using toilet facilities .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:

In enclosed areas with insufficient ventilation , respiratory equipment should be worn .

Protective Gloves :

Solvent resistant gloves .

Eye Protection:

Splash goggles with side shields .

Other protective Clothing :

Wear industrial body covering clothing and other coverings and appropriate safety footwear to avoid contact with material .

Work hygienic practices :

Observe good general hygienic practices

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Product Name:SO411 OS2
Component B



9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical classification : Product description : Resin solution
Boiling point : Not determined yet
Flash point : > 27 °C Closed Cup

10. STABILITY AND REACTIVITY

Stable under normal conditions
Inert –No reaction with fire –fighting water .

11. TOXICOLOGICAL INFORMATION

Inhalation or contact with material may irritate or burn skin and eyes .
Vapours may cause dizziness in enclosed areas .

12. ECOLOGICAL INFORMATION

Biodegradability : Not readily bio –degradable
Mobility : Sinks in water .

13. DISPOSAL CONSIDERATIONS

It is recommended to contact the authority in charge of approved waste disposal companies which will advice on the disposal of the product .

14. TANSPORT INFORMATION

- UN No: 1866
- Packaging : Class 3 Group III

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Product Name:SO411 OS2
Component B



15. REGULATORY INFORMATION

Liquid Form :

- Flammable
- May cause sensation by skin contact
- Keep locked up and out of reach of children
- Wear suitable PPE(Personal Protective Equipment)
- Keep away from food ,drink and animal feeding stuff
- Keep away from sources of ignition
- During application –No smoking
- In case of fire-Use dry chemical,CO2 ,water spray or alcohol resistant foam –Do not use water jets.
- In case of accident or if you feel unwell , seek medical advise immediately(Show label where possible) .
- Use preferably in ventilated areas - In confined spaces ,respiratory equipment is needed .

Solid form :

No chemical hazard of any kind .

Hazard classification:



16. OTHER INFORMATION

None

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Product Name:SO411
Component A

MATERIAL SAFETY DATA SHEET COMPONENT A

1. PRODUCT AND COMPANY INFORMATION

Product Name : SO411 Activator
Product Type : Solvent Based Epoxy Coating
Manufacturer : Zayit Coatings , Mpumalanga ,South Africa
Tel no : +27823315442
Email address : admin@zayitcoatings.com
Date revised : 15/01/2015

2. COMPOSITION

The Epoxy Coating is supplied in two components (Dual Pack) namely

Component A and Component B

Component A:

Epoxy Resin	71%
Solvents	29%

3. HAZARDOUS IDENTIFICATION

Flammability :

- Burns slowly and tardy .
- Flashpoint > 27 °C Closed Cup
- Some ingredients may irritate sensitive skins.
- Eye irritation
- Inhalation may cause dizziness in enclosed areas .
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4. FIRST AID MEASURES

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Eyes:

Flush eyes with running water for at least 15 minutes .Seek immediate medical attention .

Ingested:

Do not induce vomiting .

Seek medical assistance .

Inhalation ;

Move patient to fresh air

If breathing is difficult ,administer oxygen for a period of maximum 1 hour .

5. FIRE FIGHTING MEASURES

Precautions :

Remove sources of heat and flame

In case of fire :

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- Remove all sources of ignition
- Stop leakage if it is possible without any risk .
- Prevent entry into waterways , sewers , basements or confined spaces .
- Absorb or cover with dry earth ,sand or non-combustible material and transfer to disposable containers. These containers must be disposed of in accordance with local regulations .
- Flush area with water to remove residue

7. HANDLING AND STORAGE

Store in a cool dry place ,below 25 °C

Fire separation of at least 5m is recommended .

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:

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Product Name:SO411
Component A



9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical classification : Product description : Resin solution
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Flash point : > 27 °C Closed Cup

10. STABILITY AND REACTIVITY

Stable under normal conditions
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Product Name:SO411
Component A



15. REGULATORY INFORMATION

Liquid Form :

- Flammable
- May cause sensation by skin contact
- Keep locked up and out of reach of children
- Wear suitable PPE(Personal Protective Equipment)
- Keep away from food ,drink and animal feeding stuff
- Keep away from sources of ignition
- During application –No smoking
- In case of fire-Use dry chemical,CO2 ,water spray or alcohol resistant foam –Do not use water jets.
- In case of accident or if you feel unwell , seek medical advise immediately(Show label where possible) .
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No chemical hazard of any kind .

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