



## SAFETY DATA SHEET EP 310 Part B

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME                      EP 310 Part B

SUPPLIER                            **ARDEX ENDURA (INDIA) PRIVATE LIMITED**  
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### 2. HAZARDS IDENTIFICATION

Hazardous by inhalation over prolonged periods (years) due to the slate from which these products are produced containing around 58% quartz (silica).

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

A petrological examination shows the constituents to be:  
 quartz, mica, chlorite with lesser amounts of muscovite, illite, and traces of feldspar and talc.  
 Chlorite, quartz and mica with lesser amounts of feldspar and talc.

Name	CAS No.	Content
Benzoyl peroxide Inert Filler	000094-36-0	< 10 %
Silica		< 90 %
Alumina		< 2 %
Iron Oxide		< 2 %
Titanium Oxide		< 0.1 %
Calcium Oxide		< 0.2 %
Magnesium Oxide		< 0.3 %
Sodium Oxide		< 0.1 %
Potassium Oxide		< 0.1 %
Manganese Oxide		< 0.1 %
Sulphate		<0.01 %
Loss on Ignition		< 1 %
Carbon Dioxide		< 0.1 %
Not Determined		< 0.1 %

In addition, oiled granules have had a petroleum based oil added to aid adhesion to bituminous felts.

### 4. FIRST-AID MEASURES

No acute effects requiring first aid. See section 9 re: exposure controls. Any dust/granules in the eyes should be washed out with water for 15 minutes and medical attention obtained. Hazard are essentially the same as with any inert dust/grit.

**EP 310 Part B****5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

**6. ACCIDENTAL RELEASE MEASURES****SPILL CLEAN UP METHODS**

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

**7. HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact.

**EYE PROTECTION**

Wear approved safety goggles.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Granular Powder, dust
COLOUR	Dark Grey
ODOUR	No characteristic odour.
SOLUBILITY	Insoluble in water
DENSITY	1.30 - 1.40 g/cc

**10. STABILITY AND REACTIVITY**

The products are chemically inert except for oiled granules where the small amount of oil may be added fuel in the event of fire.

Effect of Acid - There is no gas evolution. The acid solution turns yellow-green due to the dissolution of some iron bearing material.

Effect of Alkali - There is no gas evolution. The alkali solution remains colourless.

**11. TOXICOLOGICAL INFORMATION**

Long-term exposure to respirable dust may lead to irreversible lung disease [silicosis]

**12. ECOLOGICAL INFORMATION**

To the best of our knowledge there is no evidence that these products are harmful to the environment.

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13. DISPOSAL CONSIDERATIONS

These products are inert. Disposal should be in accordance with the requirements of your local Waste Control Office as requirements may vary in different areas.

14. TRANSPORT INFORMATION

The carriage of the product is not subject to hazardous conveyancing regulations and vehicle labelling is not required.

15. REGULATORY INFORMATION

The use of these products requires COSHH assessments to be carried out and all relevant COSHH requirements to be implanted. This includes 14 monthly examination and testing of any engineering controls.

16. OTHER INFORMATION

TRAINING ADVICE : The details of this data sheet must be passed on to all personnel handling the product.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.