

SDS: DAVCO K11 MATRYX

## SAFETY DATA SHEET

### 1. IDENTIFICATION

<b>PRODUCT NAME</b>	<b>DAVCO K11 MATRYX</b>
<b>CHEMICAL FAMILY</b>	Cement / sand powder mixture
<b>EMERGENCY CONTACT</b>	ParexGroup Pte Ltd 28 Tuas South Avenue 8 Singapore 637648 <b>Telephone : 65-68610632</b>

### 2. HEALTH HAZARD IDENTIFICATION

<b>ACUTE</b>	Cement and sand powder may contain "Nuisance dusts" that are irritants to eyes, skin and respiratory system.
<b>CHRONIC</b>	Sand may become respirable size particles that contain crystalline silica. Long term inhalation of silica dust may cause silicosis and cancer.

### 3. INFORMATION ON INGREDIENTS

<b><u>COMPONENT</u></b>	<b><u>% BY WT</u></b>
Cement	30 - 60 %
Slag	min. 20% of OPC content
Sand	30 - 60 %
Additive	< 10 %

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#### **4. FIRST AID MEASURES**

(Applies to product as supplied and to the mixture with water)

<b>INGESTION</b>	Wash mouth and lips with water and seek medical attention.
<b>EYE CONTACT</b>	Hold eyelids open and flush with plenty of water for 15 minutes, consult a doctor.
<b>INHALATION</b>	Move to fresh air and rest quietly. Consult a doctor if effect persists.

#### **5. FIRE FIGHTING MEASURES**

<b>FLASH POINT</b>	Non combustible
<b>FLAMMABLE LIMIT</b>	N. A.
<b>LOWER</b>	-
<b>UPPER</b>	-
<b>EXTINGUISHING MEDIA</b>	General extinguishing media. Foam, CO <sub>2</sub> , Dry chemical, water fog.
<b>SPECIAL FIRE FIGHTING PROCEDURE</b>	None

#### **6. ACCIDENTAL RELEASE MEASURES**

Avoid skin or eye contact. Stop pedestrians from walking through the spill. Sweep up and collect any dry spilt product. Final clean-up should be with water. Do not allow material to enter drain or waterways. The unmixed products should be handled appropriately for disposal at approved landfill sites.

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## 7. HANDLING AND STORAGE

**PERSONAL PROTECTION**      Precaution should be taken to avoid skin or eye contact or swallowing the product. When handling or mixing the dry product avoid inhaling dust. Wear dust mask, safety glasses, chemical resistant apron and impervious gloves; e.g. PVC. Always wash hand before eating, drinking or visiting the toilet.

**FLAMMABILITY**                      This product is non flammable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROL**      N. A.

**PERSONAL PROTECTION**      Wear only a European Standard EN149 or N95 NIOSH certified respirator, safety glasses with side-shield (frame goggles) (EN166), chemical resistant apron and boots. Suitable safety gloves according to EN420 or suitable chemical resistance safety gloves according to EN374. Always wash hand before eating, drinking or visiting the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Grey Powder
<b>ODOUR</b>	None
<b>NON VOLATILE BY WT.</b>	N. A.
<b>pH</b>	Alkaline (when mixed with water)
<b>SOLUBILITY IN WATER</b>	Insoluble
<b>VISCOSITY</b>	N. A.
<b>FREEZING POINT</b>	N. A.
<b>BOILING POINT</b>	N. A.
<b>VAPOUR PRESSURE</b>	N. A.
<b>SPECIFIC GRAVITY</b>	N. A.
<b>VAPOUR DENSITY</b>	N. A.

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## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable at normal temperatures when kept dry, When wet, sets to a hard lump with evolution of small amounts of heat.
<b>MATERIALS AND CONDITIONS TO AVOID</b>	Material is alkaline when mixed with water.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known

## 11. TOXICOLOGICAL INFORMATION

<b>INGESTION</b>	No specific data available. Not regarded as harmful by ingestion. Unlikely to cause any serious ill effects. May cause minor upset or irritation to the digestive system.
<b>INHALATION</b>	Dust arising from the preparation is not likely to cause significant disease or toxic effect if exposure is kept under reasonable control.
<b>SKIN CONTACT</b>	Prolonged contact may cause irritation, especially if wet.
<b>EYE CONTACT</b>	Will cause transient discomfort and irritation.

## 12. ECOLOGICAL INFORMATION

This material is not known as biodegradable.

## 13. DISPOSAL CONSIDERATIONS

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulations before disposal.

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#### **14. TRANSPORT INFORMATION**

No special packaging requirements. Not classified as dangerous goods under the United Nations Transport Recommendations.

<b>UN Number</b>	N. A.
<b>UN proper shipping name</b>	N. A.
<b>Transport hazard class (es)</b>	N. A.
<b>Packing group</b>	N. A.
<b>Marine pollutant</b>	N. A.
<b>Transport in bulk</b>	N. A.
<b>Special precaution</b>	N. A.

#### **15. REGULATORY INFORMATION**

Not classified as dangerous under current regulation.

#### **16. OTHER INFORMATION**

The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. Any suggestion and recommendations made are without guarantee and liability since conditions of use are beyond our control. Appropriate warning and safe handling procedures should be provided to all those who handle and use the product and no liability can be accepted for any loss, injury or damage resulting from its use.

N. A. = Not Applicable

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