

SDS: K11 CWA

## SAFETY DATA SHEET

### 1. IDENTIFICATION

<b>PRODUCT NAME</b>	<b>K11 CWA</b>
<b>CHEMICAL FAMILY</b>	Cement / Additive 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 additive powder are "Nuisance dusts" that are irritants to eyes, skin and respiratory system.
--------------	--

### 3. INFORMATION ON INGREDIENTS

<b><u>COMPONENT</u></b>	<b><u>% BY WT</u></b>
Cement	< 40 %
Slag	min 20% of OPC content
Additive	> 30 %

### 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.

SDS: K11 CWA

## 5. FIRE FIGHTING MEASURES

<b>FLASH POINT</b>	Non combustible
<b>FLAMMABLE LIMIT LOWER UPPER</b>	N.A. - -
<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.

## 7. HANDLING AND STORAGE

<b>PERSONAL PROTECTION</b>	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.
<b>FLAMMABILITY</b>	This product is non flammable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>ENGINEERING CONTROL</b>	N.A.
<b>PERSONAL PROTECTION</b>	Precaution should be taken to avoid skin or eye contact or swallowing the product. When handling or mixing the product, avoid inhaling dust. Wear safety glasses, chemical resistant apron and impervious gloves; e.g. PVC. Always wash hand before eating, drinking or visiting the toilet.

SDS: K11 CWA

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	White to Light 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.

## 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.

SDS: K11 CWA

## **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.

## **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.

SDS: K11 CWA

<b>16. OTHER INFORMATION</b>
------------------------------

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

**Date of Issue: Dec 2015 (Rev.02)**