



SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME LANKO GROUT 180 ECO

CHEMICAL FAMILY Cement / silica powder mixture

EMERGENCY CONTACT ParexGroup (Singapore) Pte Ltd
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2. HEALTH HAZARD DATA

ACUTE Cement and silica powder are “Nuisance dusts” that are irritants to eyes, skin and respiratory system.

CHRONIC Sand is crystalline silica. Long term inhalation of silica dust may cause silicosis and cancer.

3. INGREDIENTS

<u>COMPONENT</u>	<u>% BY WT</u>
Cement	30 - 45 %
Crystalline Silica	60 - 70 %
Slag	min. 20% of OPC content
Thickener Additive	< 5 %





4. FIRST AID MEASURES

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

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

5. FIRE FIGHTING MEASURES

FLASH POINT	Non combustible
FLAMMABLE LIMIT LOWER UPPER	N.A. - -
EXTINGUISHING MEDIA	General extinguishing media. Foam, CO ₂ , Dry chemical, water fog.
SPECIAL FIRE FIGHTING PROCEDURE	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

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Fine Grey Powder

ODOUR

None

NON VOLATILE BY WT.

Not Applicable

pH

Alkaline (when mixed with water)

SOLUBILITY IN WATER

Insoluble

VISCOSITY

Not Applicable

FREEZING POINT

Not Applicable

BOILING POINT

Not Applicable

VAPOUR PRESSURE

Not Applicable

SPECIFIC GRAVITY

Not Applicable

VAPOUR DENSITY

Not Applicable





10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

INGESTION	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.
INHALATION	Dust arising from the preparation is not likely to cause significant disease or toxic effect if exposure is kept under reasonable control.
SKIN CONTACT	Prolonged contact may cause irritation, especially if wet.
EYE CONTACT	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.



14. TRANSPORT INFORMATION

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

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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